



CITY OF ST. PETERSBURG, FLORIDA  
PLANNING AND DEVELOPMENT SERVICES DEPARTMENT  
URBAN PLANNING AND HISTORIC PRESERVATION DIVISION

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## STAFF REPORT

Community Planning and Preservation Commission  
Certificate of Appropriateness Request

For **Public Hearing** and **Executive Action** on October 8, 2019 beginning at 2:00 p.m. in the Main Auditorium at the Sunshine Center, 330 Fifth Street North, St. Petersburg, Florida

According to Planning and Development Services Department records, no resides or has a place of business within 2,000 feet of the subject property. All other possible conflicts should be declared upon the announcement of the item.



Case No.:	19-90200041
Address:	600 4 <sup>th</sup> Street South
Legal Description:	U.S.F. SECOND REPLAT BLK 1, LOT 2 & PART OF LOT 1 ALL DESC AS BEG NE COR OF LOT 2 TH S00D36'15"E 195FT TH S89D26'04"W 175FT TH S00D36'15"E 15FT TH N89D26'04"E 175FT TH N00D36'15"W 50FT TH N89D26'04"E 100FT TH S00D36'15"E 40FT TH N89D26'04"E 65FT TH N00D36'15"W 200FT TH N89D26'04"E 185FT TO POB
Parcel ID No.:	19-31-17-93339-001-0020
Date of Construction:	1925
Local Landmark:	Studebaker Building (HPC 86-12)
Owner:	FL INT IMP FUND TRE C/O DEPT NATURAL RESOURCES
Agent:	Lorraine Armstrong
Request:	COA for replacement of historic steel windows at second level

## Historical Context and Significance

The building located at 600 4<sup>th</sup> Street South (“the subject property”) was constructed in 1925 for the Peninsular Motor Company of Tampa, which held the Studebaker franchise for southwest Florida at that time. According to the resource’s historic designation, it was the largest and most expensive automobile showroom constructed in St. Petersburg prior to World War II, though it operated in its original use for only a year before the Peninsular Motor Company of Tampa declared bankruptcy and the building was subdivided for use by smaller-scale commercial tenants. Nonetheless, the subject property has retained its historic design, which features simplified Tudor Revival details that speak to its origin as a space that was intended to be both impressive and functional.

The subject property was listed individually in the National Register of Historic Places in 1985 and the St. Petersburg Register of Historic Places in 1986, primarily for its architectural significance as a unique large-scale commercial structure that similarly resembles industrial buildings of the period. It has since been adaptively reused as an office space which presently houses United States Geological Survey facilities. A large addition exists to the building’s east elevation which is not impacted by the proposal.

## Project Description and Review

### Project Description

The COA application (Appendix A) proposes the replacement of all second-story windows, which are steel pivot windows that are historic to the building. Replacement units will be aluminum-clad wood windows with fixed frames. Opening sizes would remain the same.

Because the subject property is listed in the National Register of Historic Places and owned by a State agency, a review of the proposal by the State Historic Preservation Office (SHPO) was required in accordance with Chapter 267 of Florida Statutes. As such, the State Historic Preservation Officer has reviewed the proposal and provided the letter recommending preservation of the existing window frames which is included as Appendix B.

### General Criteria for Granting Certificates of Appropriateness and Staff Findings

1. *The effect of the proposed work on the landmark or the property upon which such work is to be done.*

The proposed relocation would adversely affect the subject property’s integrity by altering its materials and workmanship. The proposal is not appropriate under this criterion.

2. *The relationship between such work and other structures on the landmark site or other property in the historic district.*

This criterion is not relevant to the proposal.

3. *The extent to which the historic, architectural, or archaeological significance, architectural style, design, arrangement, texture and materials of the local landmark or the property will be affected.*

Staff considers the historic steel pivot windows at the building to be character-defining as a representation of the building’s large-scale commercial history. Historic industrial buildings and warehouses are not well-represented in the St. Petersburg Register of Historic Places, adding to the historic material’s importance. Staff concurs with the SHPO that the proposed window replacement will cause an adverse effect and, therefore, finds the project to be inappropriate under this criterion.

4. *Whether the denial of a Certificate of Appropriateness would deprive the property owner of reasonable beneficial use of his or her property.*

In conversations surrounding the submission of this proposal, the applicant has cited concerns over energy efficiency and hurricane preparedness. The feasibility of rehabilitation of the existing, historic windows has been discussed, and the applicant has submitted the email concerning repair attached as Appendix C. Given the character-defining nature of the steel pivot windows in question, staff's recommendation has been to pursue window restoration that would include re-glazing where necessary and window stripping in accordance with the recommendations established by the National Park Service's *Preservation Brief 13: The Repair and Thermal Upgrading of Historic Steel Windows*.

Staff does not conclude that replacement is necessary to ensure the owners reasonable use of the subject property and, therefore, considers the proposal to be inappropriate under this criterion.

5. *Whether the plans may be reasonably carried out by the applicant.*

No information has been provided relating to this criterion.

6. *A COA for a noncontributing structure in a historic district shall be reviewed to determine whether the proposed work would negatively impact a contributing structure or the historic integrity of the district. Approval of a COA shall include any conditions necessary to mitigate or eliminate negative impacts.*

This criterion is not applicable to the proposed relocation of the subject property, an individual local historic landmark.

#### Additional guidelines for window replacement.

The City's historic preservation office, State of Florida Division of Historic Resources, and U.S. Department of Interior Technical Preservation Services can provide additional information relating to window repair and replacement for individual landmark buildings and properties within local historic districts. While preservation and repair of historic windows is often preferable, property owners may replace windows provided that each replacement window meets the following criteria:

1. *Impact resistance. The replacement window and glass shall be impact resistant;*

The proposal appears to meet this requirement.

2. *Energy performance. The replacement window shall be Energy Star qualified for southern climate zones;*

The proposal meets this requirement.

3. *Depth in wall. The replacement window shall be setback into the wall the same distance as the historic window;*

Staff recommends that a Condition of Approval requiring an appropriate setback be applied by the Commission, should this application be approved.

4. *Frame size, shape and exterior trim. The replacement window shall be the same size and shape as the historic window and opening. Historic openings shall not be altered in size. Existing, exterior trim shall be retained, where practicable;*

The proposal includes the replacement of the window frames, which are set into brick walls. The opening size is not proposed to be altered.

5. *Configuration. The replacement window shall have the same light configuration as the historic window. If the historic window configuration cannot be determined, the replacement window configuration shall be appropriate to the architectural style of the subject building;*

The proposed changes would remove the unique pivot functionality featured in the existing historic windows and replace their industrial hardware with fixed windows. The lite division is proposed to be replicated with a slight increase in width of exterior frames and thickness of muntins.

6. *Proportions. The replacement window shall have the same visual qualities of the historic window, where commercially reasonable:*
- a. *Muntins and mullions. Where provided, muntins and mullions shall have the same dimensions and profile of the historic muntins and mullions.*

The proposal generally replicates existing muntins.

- b. *Stiles. For hung windows, stiles shall align vertically and be the same width at the upper and lower sashes.*

This criterion is not applicable.

- c. *Top, meeting and bottom rails, and blind stop. The top, meeting and bottom rails of a hung window, including the corresponding blind stop, shall have the same dimensions and profile of the historic window.*

This criterion is not applicable

7. *Finish. The finished surface and appearance shall match the historic window, where practicable.*

The proposed windows feature aluminum-clad wood, which will appropriately replicate the existing finish.

#### Staff Recommendation

Based on a determination of general inconsistency with Chapter 16, City Code of Ordinances, staff recommends that the Community Planning and Preservation Commission **DENY** the Certificate of Appropriateness request for second-level window replacement at the Studebaker Building, an individually-listed local historic landmark.

Should the Commission vote to approve the request, staff recommends that the following conditions be applied:

1. Windows be set back within wall planes as do historic units;
2. Damage to historic brick work is to be limited as much as possible.
3. Historic preservation staff is to be consulted for possible administrative or Commission review of any changes to proposal or additional work identified

#### References

Park, Sharon C. AIA. Preservation Brief 13: The Repair and Thermal Upgrading of Historic Steel Windows. National Park Service.

# Appendix A:

Application No. 19-90200041



# CERTIFICATE OF APPROPRIATENESS

## APPLICATION

All applications are to be filled out completely and correctly. The application shall be submitted to the City of St. Petersburg's Planning and Development Services Department, located on the 8th floor of the Municipal Services Building, One Fourth Street North, St. Petersburg, Florida. Laura Duvekot, Historic Preservationist II, (727) 892-5451 or Laura.Duvekot@stpete.org

### GENERAL INFORMATION

Property Address <u>600 4th St So</u>	Parcel Identification No. <u>19-81-17-93339-001-0010</u>
Historic District / Landmark Name <u>USGS</u>	Corresponding Permit Nos. <u>727-410-2106 (manager)</u>
Owner's Name <u>3900 Commonwealth Blvd Tallahassee</u>	Property Owner's Daytime Phone No.
Owner's Address, City, State, Zip Code <u>Loisane Perget manager 32309</u>	Owner's Email <u>same</u>
Authorized Representative (Name & Title), if applicable <u>same</u>	Representative's Daytime Phone No. <u>Dan.Hosmer@FASWA.com</u>
Owner's Address, City, State, Zip Code	Representative's Email

#### APPLICATION TYPE (Check applicable)

- Addition
- New Construction
- Demolition
- Relocation
- Other:
- Window Replacement
- Door Replacement
- Roof Replacement
- Mechanical (e.g. solar)

#### TYPE OF WORK (Check applicable)

- Repair Only
- In-Kind Replacement
- New Installation
- Other:

### AUTHORIZATION

By signing this application, the applicant affirms that all information contained within this application packet has been read and that the information on this application represents an accurate description of the proposed work. The applicant certifies that the project described in this application, as detailed by the plans and specifications enclosed, will be constructed in exact accordance with aforesaid plans and specifications. Further, the applicant agrees to conform to all conditions of approval. It is understood that approval of this application by the Community Planning and Preservation Commission in no way constitutes approval of a building permit or other required City permit approvals. Filing an application does not guarantee approval.

- NOTES: 1) It is incumbent upon the applicant to submit correct information. Any misleading, deceptive, incomplete or incorrect information may invalidate your approval.  
 2) To accept an agent's signature, a notarized letter of authorization from the property owner must accompany the application.

X Signature of Owner: [Signature] Date: 4/24/19

Signature of Representative: [Signature] Date: 6/24/19



# CERTIFICATE OF APPROPRIATENESS

## GENERAL INFORMATION

### Purpose

The Historic and Archaeological Preservation Overlay, City Code Section 16.30.070, requires issuance of a Certificate of Appropriateness (COA) prior to any exterior alteration to a locally designated landmark or property within a locally designated historic district. Exterior alterations include, but are not limited to, the following work: changes to walls, roof, or windows; painting unpainted masonry; additions; relocation, and demolition. Building new structures and demolition requests within a historic district, as well as any digging or replacement of plantings on a designated archaeological site also require a COA. The intent of the COA is to ensure that the integrity and character of the individual landmark or historic district is maintained.

### Pre-Application Meeting

Applicants are encouraged to schedule a pre-application meeting with Staff prior to an application being accepted. Staff requests that all pre-application meetings be scheduled at least one (1) week prior to the application deadline. Minor maintenance projects can often be approved at this meeting. Pre-application meetings can be scheduled by calling (727) 892-5470 or (727) 892-5451.

At the meeting, staff will determine if the application is appropriate for administrative approval based upon the COA Approval Matrix as per the regulations in the Historic and Archaeological Preservation Overlay. Administrative approvals do not require a public hearing, unless an appeal is filed with the Urban Planning and Historic Preservation Division. Permits must be obtained within 18 months of approval. Staff shall have the discretion to refer any case to the Community Planning and Preservation Commission ("CPPC").

### Application Submittal

Only complete applications will be accepted. Complete applications must be filed by 2:00 PM on the application deadline date. Per the CPPC's Rules of Procedure, a maximum of twelve (12) applications may be scheduled for any given public hearing. This limit does not apply to applications which are determined by the Urban Planning and Historic Preservation Division to be appropriate for administrative approval. Applications requiring a public hearing are scheduled in the order received.

### Fee Schedule

Commission Review		Staff Review	
Additions	\$ 300.00	General Application	\$ 50.00
Appeal	\$ 250.00	Appeal	\$ 250.00
Alterations and Repair	\$ 300.00		
Demolition (primary building)	\$ 1,000.00		
Demolition (accessory structure)	\$ 500.00		
New Construction	\$ 300.00		
Relocation	\$ 500.00		

*After-the-Fact – Twice the initial fee; Revision of previously approved COA - ½ of the original fee*

### Site Plans, Floor Plans, and Elevation Drawings

All applications for the CPPC require a detailed, accurate site plan or survey and elevation drawings. Some applications for the CPPC require floor plans as well. Staff strongly encourages applicants to retain the services of a design professional to prepare the required plans. The City is unable to accept site plans, floor plans, or elevations that are incomplete, illegible, unclear, or do not meet the criteria listed on the "List of Required Submittals." Such determinations are made at the discretion of the City.



# CERTIFICATE OF APPROPRIATENESS

## GENERAL INFORMATION

### Community Planning and Preservation Commission Review

By applying to the CPPC, the applicant grants permission for Staff and members of the CPPC to visit the subject property to evaluate the request. Applicants with special requests related to timing of site visits should advise Staff in writing at the time of application submittal.

### Legal Notification

All applications that require CPPC approval shall provide public notification. The applicant will be required to send via the U.S. Postal Service, notification letters to all property owners within 200 linear feet of the subject property. The City will provide one original notification letter, mailing labels, and instructions. These legal notifications must be mailed by the dates noted on the CPPC schedule with verification of mailing returned to staff within seven (7) days of the meeting date.

### Public Hearing

Applications appropriate for public hearing will be heard by the CPPC on the dates listed on the CPPC Schedule. The public hearings begin at 2:00 p.m. in the City Council Chambers at City Hall, located at 175 5th Street North. All proceedings are quasi-judicial.

### CPPC Approvals

If approved by the CPPC, the applicant must wait to initiate construction until after the ten (10) day appeal period. Permits and inspections are required, when applicable. Permits must be obtained within 18 months from the date of the CPPC decision, unless otherwise directed by the CPPC. After the expiration date, a one-year extension to complete the work in progress may be approved in the manner originally approved if the owner can show why the work has not been completed.

All conditions of approval must be satisfied and approved through inspection by Historic Preservation staff before the final building inspection is approved. Failure to satisfy these requirements will invalidate the approval of the request. Approval of a request by the CPPC or Historic Preservation Division does not grant or imply other variances from the City Code, FEMA regulations, or other applicable codes.

### FEMA Regulations

FEMA regulations may affect your ability to proceed with your plans – even if approved by the CPPC. Designated properties may receive variances from local flood hazard requirements when rehabilitating their buildings. Applicants are advised to contact the City's FEMA Coordinator at (727) 893-7283 to determine the impact of FEMA regulations, if any.



# Certificate of Appropriateness Approval Matrix

(City Code Section 16.30.0070.2.6, updated February 10, 2015)

	CONTRIBUTING & INDIVIDUAL LANDMARKS			NON-CONTRIBUTING		
	Staff	CPPC	No Review	Staff	CPPC	No Review
<b>ADDITIONS</b>						
All		X			X	
<b>ARCHAEOLOGY</b>						
Ground disturbing activities						
		Certificate to Dig Required			Certificate to Dig Required	
<b>CANVAS AWNINGS</b>						
Installation, removal, or alterations	X			X		
<b>CLEANING</b>						
1. Pressure washing, less than 100 psi			X			X
2. Other methods and applications	X			X		
<b>CARPORTS and PORTE COCHERES</b>						
All alterations		X		X		
<b>DECKS, PATIOS</b>						
1. With a roof		X		X		
2. Without a roof	X			X		
<b>DEMOLITIONS</b>						
1. Primary structures		X			X	
2. Accessory structures, historic		X		X		
3. Accessory structures, non-historic	X			X		
4. Historic additions		X			X	
5. Non-historic additions	X			X		
<b>DOORS, ENTRIES, AND GARAGE DOORS</b>						
1. Same materials, style, and size	X			X		
2. Change in materials or style		X		X		
3. Change in openings		X		X		
4. Entry features	X			X		
5. ADA requirements	X			X		
6. Other alterations	X			X		
<b>DRIVEWAYS</b>						
1. Change in materials	X			X		
2. Change in size or configuration	X			X		
3. New or relocated driveway	X			X		
<b>EXTERIOR WALL FINISH</b>						
1. Removal of non-historic material (originally unpainted surface)	X			X		
3. Waterproofing	X			X		
<b>FOUNDATIONS</b>						
1. Same material, style, and size	X			X		
2. Change in material, style, or size		X		X		
3. Sidewalk vault lights	X			X		
<b>INTERIOR ALTERATIONS</b>						
Ad Valorem Tax Exemption Apps ONLY	X					X
<b>LANDSCAPE FEATURES</b>						
1. Arbors, pergolas, and gazebos	X			X		
2. Permanent water features	X			X		
3. Lighting	X			X		
4. Sidewalks	X			X		
5. Walkways	X			X		
6. Planting or removal, non-historic vegetation			X			X
7. Alteration, planting, removal, historic vegetation	X			X		
8. Other	X			X		



# Certificate of Appropriateness Approval Matrix

(City Code Section 16.30.0070.2.6, updated February 10, 2015)

	CONTRIBUTING and INDIVIDUAL LANDMARKS			NON-CONTRIBUTING		
	Staff	CPPC	No Review	Staff	CPPC	No Review
<b>MECHANICAL SYSTEMS</b>						
1. Electrical, plumbing, pool equipment	X			X		
2. HVAC	X			X		
3. Solar Panels	X			X		
4. Other	X			X		
<b>NEW CONSTRUCTION</b>						
All		X			X	
<b>PAINTING</b>						
1. Painting previously painted surfaces			X			X
2. Changes in paint color			X			X
<b>PLAQUES AND MARKERS</b>						
All	X			X		
<b>POOLS</b>						
1. Above ground pools		X		X		
2. In ground pools	X			X		
3. Pool screen enclosures	X			X		
<b>PORCHES AND BALCONIES</b>						
1. Open an enclosed porch	X			X		
2. Enclose a porch		X		X		
3. Alterations		X		X		
<b>RELOCATION</b>						
1. Into a Local Landmark district		X			X	
2. Other		X		X		
<b>on historic evidence as originally designed and</b>						
All	X			X		
<b>ROOF and CHIMNEYS</b>						
1. Same materials and shape	X			X		
2. Change in materials		X		X		
3. Change in shape		X		X		
4. Other alterations		X		X		
<b>SIGNS</b>						
All signage	X			X		
Street numbers			X			X
<b>SHEDS</b>						
Less than 100 sq. ft.	X			X		
<b>SHUTTERS</b>						
1. Removable shutters	X			X		
2. Permanent shutters	X			X		
<b>SITE WALLS AND FENCES</b>						
1. Walls or fences behind the front façade	X			X		
façade		X		X		
3 Retaining walls	X			X		
4 Demolition, historic		X		X		
5 Sea walls	X			X		
<b>WINDOWS</b>						
1. Same materials, style, and size	X			X		
2 Change in materials or style		X		X		
3 Change in openings		X		X		

**NOTES:**

Any formal appeal of a City staff determination shall be acted upon first by the City's Community Planning and Preservation Commission ("CPPC")

Any formal appeal of a CPPC determination shall be acted upon in accordance with Section 16 70 015 titled, "Decisions and Appeals Table "

The POD may refer a COA application for public hearing review where the request is not substantially similar to another action already listed, or if the request is non-traditional, may set precedent and therefore requires the benefit of public deliberation and a CPPC decision



# CERTIFICATE OF APPROPRIATENESS

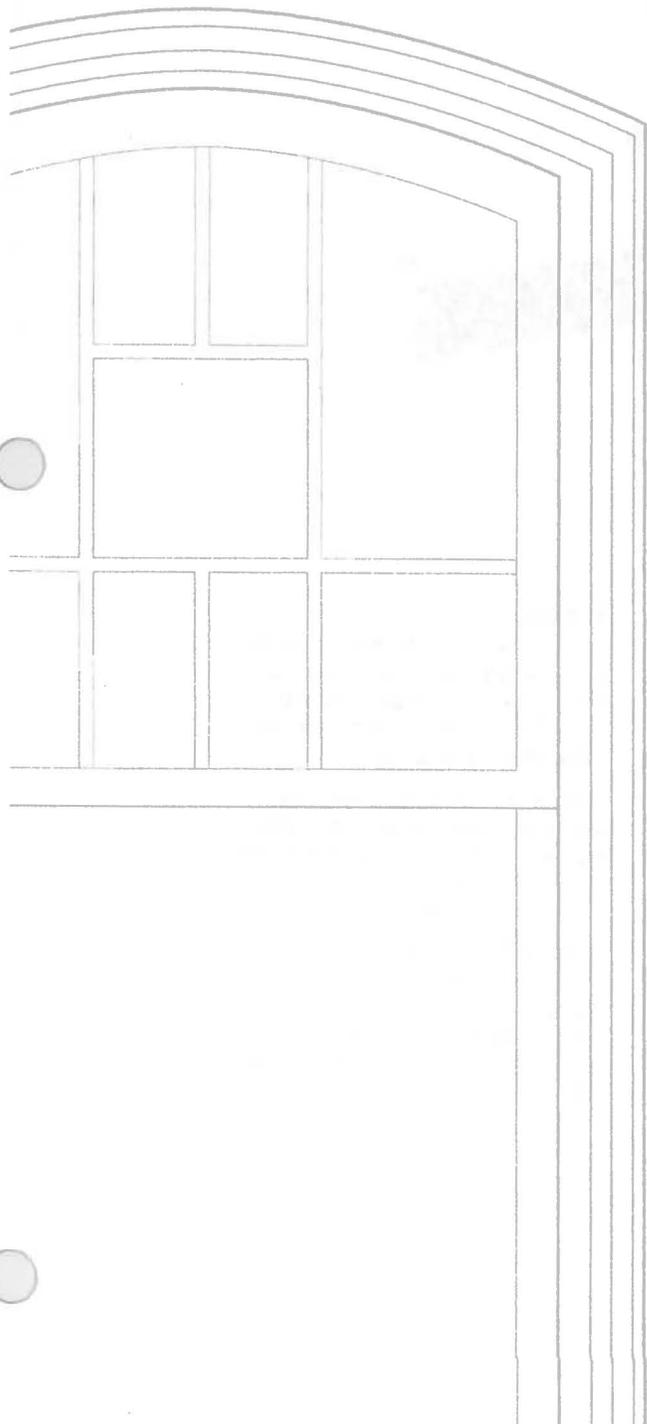
## CHECKLIST, WINDOW REPLACEMENT

- Completed COA application
- Application fee - \$50 (same materials) or \$300 (chance of materials)
- Floor Plans and Elevations:
  - To scale, no larger than 11" x 17" paper or digitally submitted
  - Depicts all sides of existing & proposed structure(s)
  - Indicate location of each window replacement
- Window Schedule specifying existing windows to be replaced: materials, size, type, finish
- Number Key Photos, Floor Plans, and Elevation to correspond with Window Schedule
- Dimensioned and scaled profile section of new windows
- Manufacturers brochure and catalog photo of proposed replacement
- Written description explaining how the proposed window replacement complies with the following evaluation criteria:
  1. The replacement window and glass shall be impact resistant.
  2. The replacement window shall be Energy Star qualified for southern climate zones.
  3. The replacement window shall be setback into the wall the same distance as the historic window.
  4. The replacement window shall be the same size and shape as the historic window and opening. Historic openings shall not be altered in size. Existing, exterior trim shall be retained, where practicable.
  5. The replacement window shall have the same light configuration as the historic window. If the historic window configuration cannot be determined, the replacement window configuration shall be appropriate to the architectural style of the subject building;
  6. The replacement window shall have the same visual qualities of the historic window, where commercially reasonable:
    - a. Where provided, muntins and mullions shall have the same dimensions and profile of the historic muntins and mullions.
    - b. For hung windows, stiles shall align vertically and be the same width at the upper and lower sashes.
    - c. The top, meeting and bottom rails of a hung window, including the corresponding blind stop, shall have the same dimensions and profile of the historic window.
  7. The finished surface and appearance shall match the historic window, where practicable.

**Andersen.**  
ARCHITECTURAL  
COLLECTION



**E-SERIES**  
WINDOWS & DOORS



## Create Distinction

Whether you're looking for traditional or contemporary style, performance or innovation, you'll find it in the Andersen<sup>®</sup> Architectural Collection.

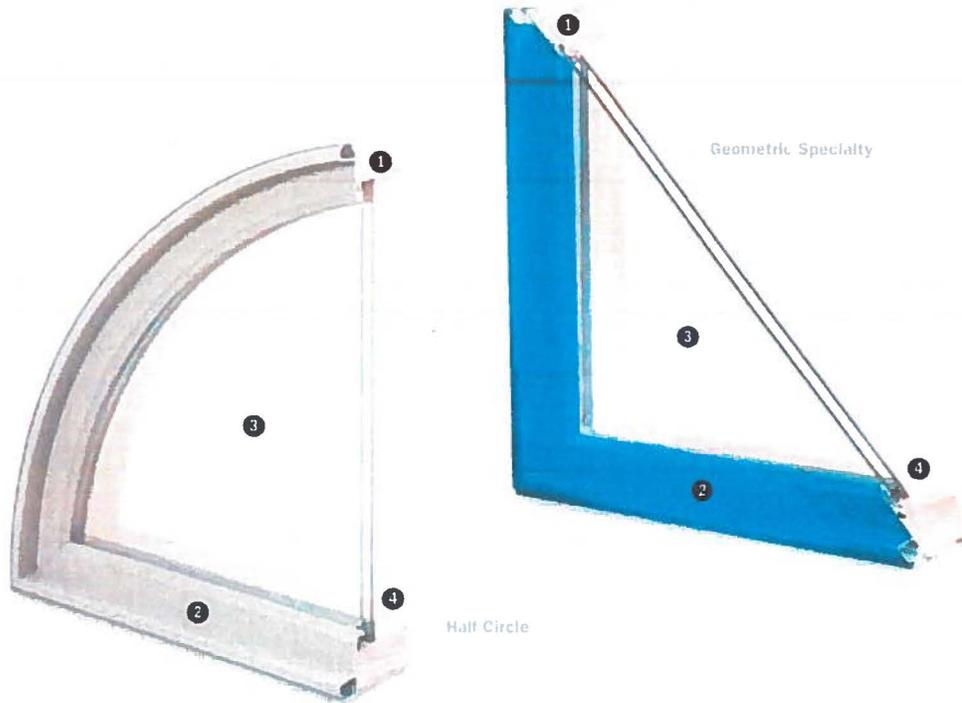
Our E-Series windows & patio doors, as part of the Architectural Collection, are made to your exact specifications for unmatched flexibility and design freedom.

These premier products allow you to create custom shapes, dramatic sizes and striking combinations to set your work apart. You can choose from 50 standard exterior colors, custom colors and anodized finishes, plus a range of interior wood species and beautiful interior stains. Or, if your customers want something even more distinctive, we can source virtually any wood species they desire.

If it's possible, it's possible with E-Series windows and doors.

For more information, visit [andersenwindows.com/e-series](http://andersenwindows.com/e-series).

## Specialty Windows



### Frame

① Select wood components are kiln dried and treated with water/insect repellent and preservative. Interior wood surfaces are available in pine, mixed grain douglas fir, cherry, hickory, mahogany,\* maple, oak, walnut, alder or vertical grain douglas fir. Interior surfaces are available unfinished or factory primed. Optional factory-applied finishes are available in a variety of stain and paint options.

② Wood components are fitted with aluminum extrusions on the exterior. 50 exterior colors that meet AAMA 2604 and 2605 specifications are available, as well as custom colors. Also available is a selection of seven exterior anodized options.

### Glazing

③ High-Performance Low-E4\* glass with a low-conductivity spacer. Triple-pane glass, tinted, clear dual-pane, high-altitude glass and other special glazing options are available.

④ Glass is fixed in place from the interior with wood stops that can be removed for easy reglazing if necessary. Glass stops available in ovolo (colonial) or contemporary profiles.

### Window Anchorage

Vinyl installation flanges are pre-applied into a kerf on the frame exterior to facilitate installation. Optional aluminum flanges or metal installation clips are available.

### ⑤ Grilles

**Full Divided Light.** Permanent interior and exterior grilles with grille spacer bars between two panes of glass. Available in ⅜", ½", 1⅛", 1½" or 2¼" widths and ovolo (colonial) or contemporary profiles.

**Simulated Divided Light.** Permanent exterior and interior grilles without grille spacer bars. Available in ⅜", ½", 1⅛", 1½" or 2¼" widths and ovolo or contemporary profiles.

**Finelight™ Grilles-Between-the-Glass.** Available in ⅜" flat or 1" contoured aluminum profiles. Two-tone colors of colony white/pebble tan, colony white/sierra bronze or colony white/forest green are available on the 1" profile.

# Grille Options

## Full Divided Light

(Modern Divided Light)

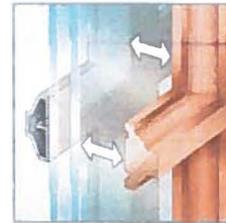
Give any window an authentic look with full divided light grilles that are permanently applied to the interior and exterior of your window with a spacer between the glass. Available in ovolo (colonial) and contemporary profiles.



Shown with chamfer exterior grille and ovolo interior grille profiles

## Removable Interior Wood Grilles

Our removable wood grilles are installed on the interior surface. They are available with an optional surround and an optional permanently applied exterior grille. Available in ovolo and contemporary profiles.



Shown with ovolo profile and optional permanently applied exterior grille with chamfer profile

## Simulated Divided Light

(Classic Divided Light)

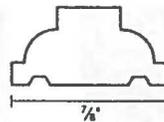
An economical solution with traditional beauty, our Simulated Divided Light features fixed exterior and interior grilles without an internal spacer. Available in ovolo and contemporary profiles.



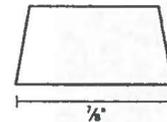
Shown with contemporary exterior and interior grille profiles

### Removable Interior Wood Grille Profiles and Widths

Ovolo

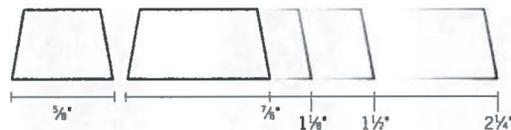
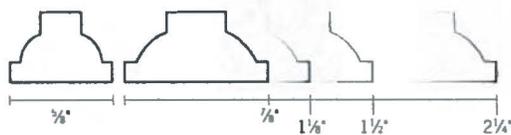


Contemporary

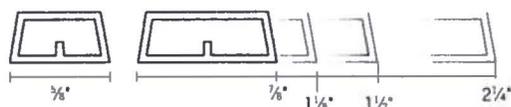
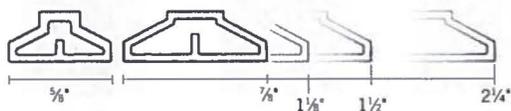


### Full and Simulated Divided Light Grille Profiles and Widths

Interior



Exterior



## Finelight™ Grilles-Between-the-Glass

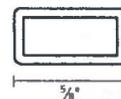
Aluminum grilles conveniently placed between two panes of glass make the glass easy to clean inside and out.



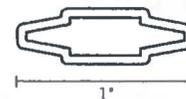
Shown with 1" contoured profile

### Finelight Grille Profiles and Widths

Flat



Contoured



#### 3/4" Color Options

- Colony White
- Sierra Bronze
- Pebble Tan
- Forest Green

#### 1" Color Options

- Sierra Bronze/Colony White
- Pebble Tan/Colony White
- Forest Green/Colony White

Choose from our broad palette of 50 colors or select from the two-tone paint combinations shown above.

50 Exterior Colors

# 50 Exterior Colors

Our exclusive line of exterior colors offers a broad spectrum of quality, baked-on, silicone polyester enamel exteriors that meet the AAMA 2604 specification. AAMA 2605 color compliance is also available! Our limited warranty covers exteriors for 10 years against chalking and color change and 20 years against cracking, checking, peeling, flaking, blistering and loss of adhesion.

Colony White

White

Abalone

Balsa White

Canvas

Maple Syrup

Harvest Gold

Prairie Grass



Flagstone



Sandtone



Pebble Tan



Carmel



Terratone



Hot Chocolate



Bourbon



Acorn



Coffee Bean



Cocoa Bean



Sierra Bronze



Dark Bronze



Clay Canyon



Red Rock



Cardinal



Bing Cherry



Fire Engine Red



Cinnamon Toast



Olive



Sage



Billiard Green



Moss



Forest Green



Mallard Green



Spearmint



Aquamarine



Patina



Sky Blue



Country Blue



Blue Denim



Watercolor Blue



Caribbean Blue



Slate



Moody Blue



Stormy Blue



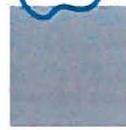
Dove Gray



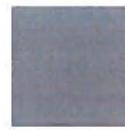
Harbor Mist



Yorktown Pewter



Smokey Gray



Mystic Gray



Dark Ash



Black

\* AAMA 2605 finishes are available in any of our 50 colors, or select a custom color of your choice.

\*\* Visit [andersenwindows.com/warranty](http://andersenwindows.com/warranty) for details.

Printing limitations prevent exact color duplication. See your Andersen supplier for actual color samples.

2/22/2019 10:18 AM

J:\e-series casement, awning, dh & fixed windows, non-impact (frange installation option)\dwg\1\awd209-series 93 auxiliary fixed-impact (hvhz)awd209 - 11.5440-auxiliary fixed-impact (hvhz).dwg

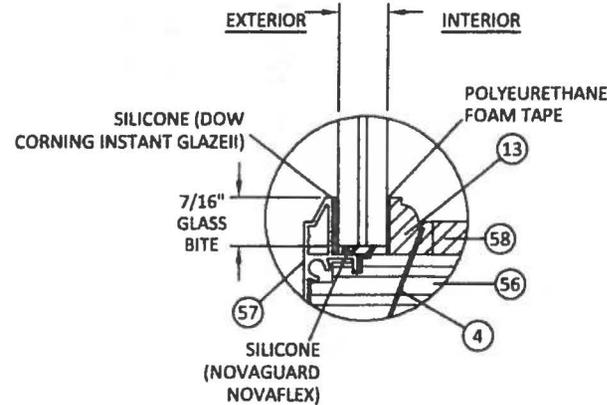
# ANDERSEN CORPORATIO

## E-SERIES AUXILIARY FIXED WINDOW (IMPACT)

### GENERAL NOTES:

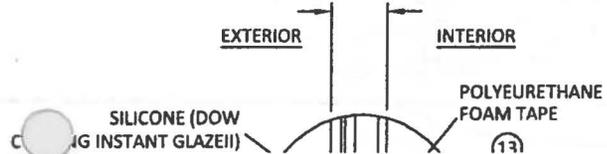
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), INCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
  - TAS 201
  - TAS202
  - TAS203
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X AND METAL STUD FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
3. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
4. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
5. APPROVED IMPACT PROTECTIVE SYSTEM IS **NOT REQUIRED** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. DOOR FRAME MATERIAL: ALUMINUM CLAD WOOD.
7. GLASS MEETS THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE THIS SHEET FOR GLAZING DETAILS.
8. DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:

13/32" O.A. MONOLITHIC GLASS :  
 1/4" ANNEALED GLASS  
 0.090" SENTRYGLAS INTERLAYER BY KURARAY  
 1/4" ANNEALED GLASS



**GLAZING DETAIL 1**  
 SHOWN WITH COLONIAL GLASS STOP

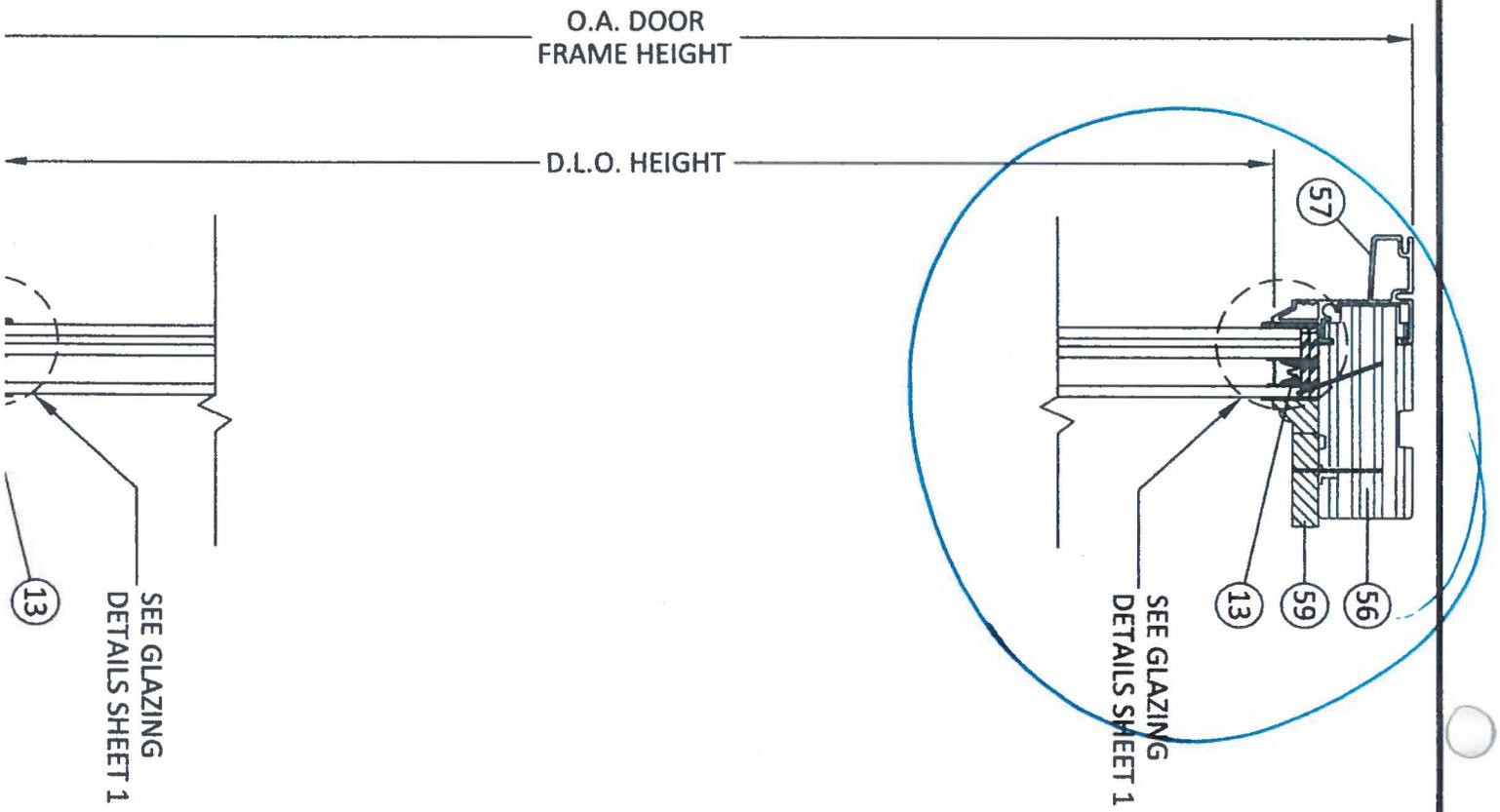
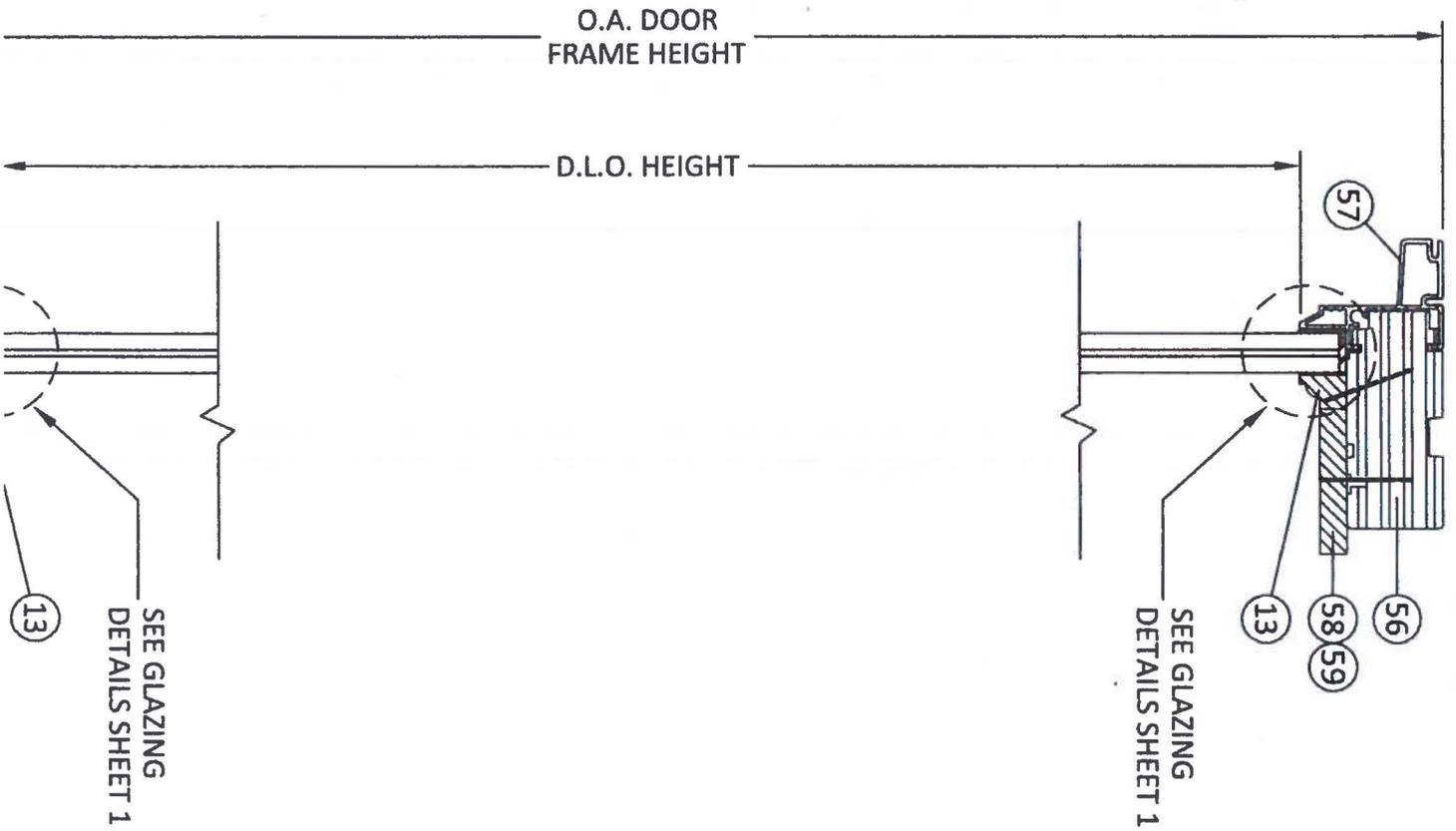
1-1/4" O.A. INSULATED GLASS :  
 1/4" ANNEALED GLASS  
 0.090" SENTRYGLAS INTERLAYER BY KURARAY  
 1/4" ANNEALED GLASS  
 AIR SPACE  
 3/16" HEAT STRENGTHEN GLASS

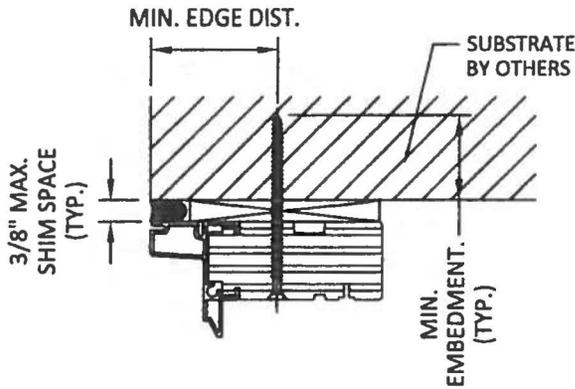


SHEET	RI
1	
2	
3	
4	
5	
6	
7	

OVERALL FRAME SI	
WIDTH (IN.)	HEIGHT (IN.)
60.0	96.0

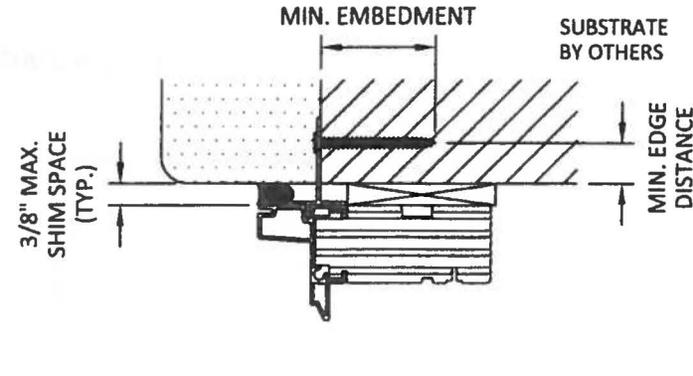
NOTE:





**1**  
**5** **ANCHOR DETAIL**  
THROUGH FRAME

SILL & JAMB HAVE A SIMILAR DETAIL.



**2**  
**5** **ANCHOR DETAIL**  
NAIL FIN (OPTIONAL WITH 2X BUCK)

SILL & JAMB HAVE A SIMILAR DETAIL.

**INSTALLATION NOTES:**

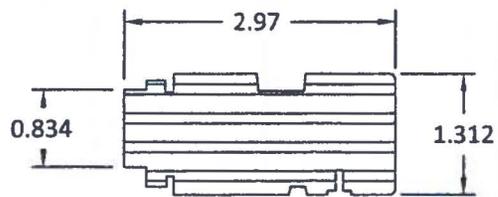
1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
3. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF  $\pm 1/2$  INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
4. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
5. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
6. FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
7. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR

**ANCHOR SCHEDULE**

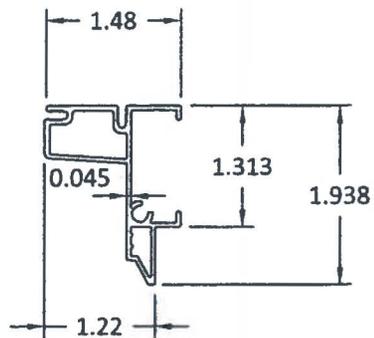
INSTALLATION TYPE	ANCHOR QTY PER LOCATION	SUBSTRATE	ANCHOR TYPE	EMBEDMENT (IN.)
THRU STRAP	2	WOOD : MIN. SG=0.55	#8 WOOD SCREW	1.5
	2	METAL : 20 GAUGE STEEL, MIN. F <sub>y</sub> =33KSI	#8 TEK SCREW	3 THREADS MIN PENETRATION
THRU FRAME	1	WOOD : MIN. SG=0.55	#10 TEK SCREW	0.75
	1	METAL : 20 GAUGE STEEL, MIN. F <sub>y</sub> =33KSI	#12 TEK SCREW	3 THREADS MIN PENETRATION
	1	CONCRETE : f <sub>c</sub> =3000PSI	1/4" ITW TAPCON	1
	1	CMU : F <sub>c</sub> =2000PSI	1/4" ITW TAPCON	1
THRU NAIL FIN	1	WOOD : MIN. SG=0.55	#8 WOOD SCREW	0.75
	1	METAL : 20 GAUGE STEEL, MIN. F <sub>y</sub> =33KSI	#8 TEK SCREW	3 THREADS MIN PENETRATION

1/4" ITW TAPCON ANCHOR  
4" FROM CORNERS  
16" MAX. O.C. THEREAFTER

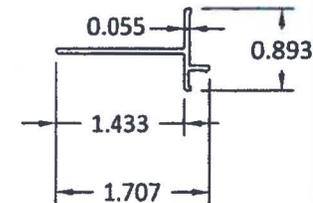
2X WOOD BUCK OF SUFFICIENT STRENGTH TO SUPPORT



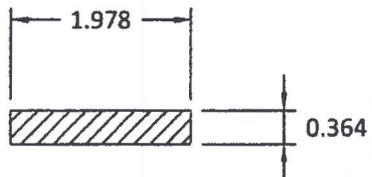
56 AUXILLARY FRAME



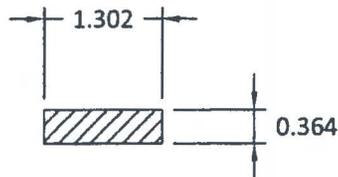
57 STD. FRAME CLADDING



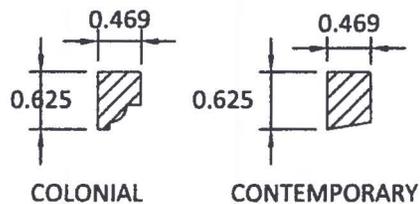
70 NAIL FIN



58 SECONDARY STOP  
13/16" NOMINAL GLASS



59 SECONDARY STOP  
1-1/4" NOMINAL GLASS



13 GLASS STOP



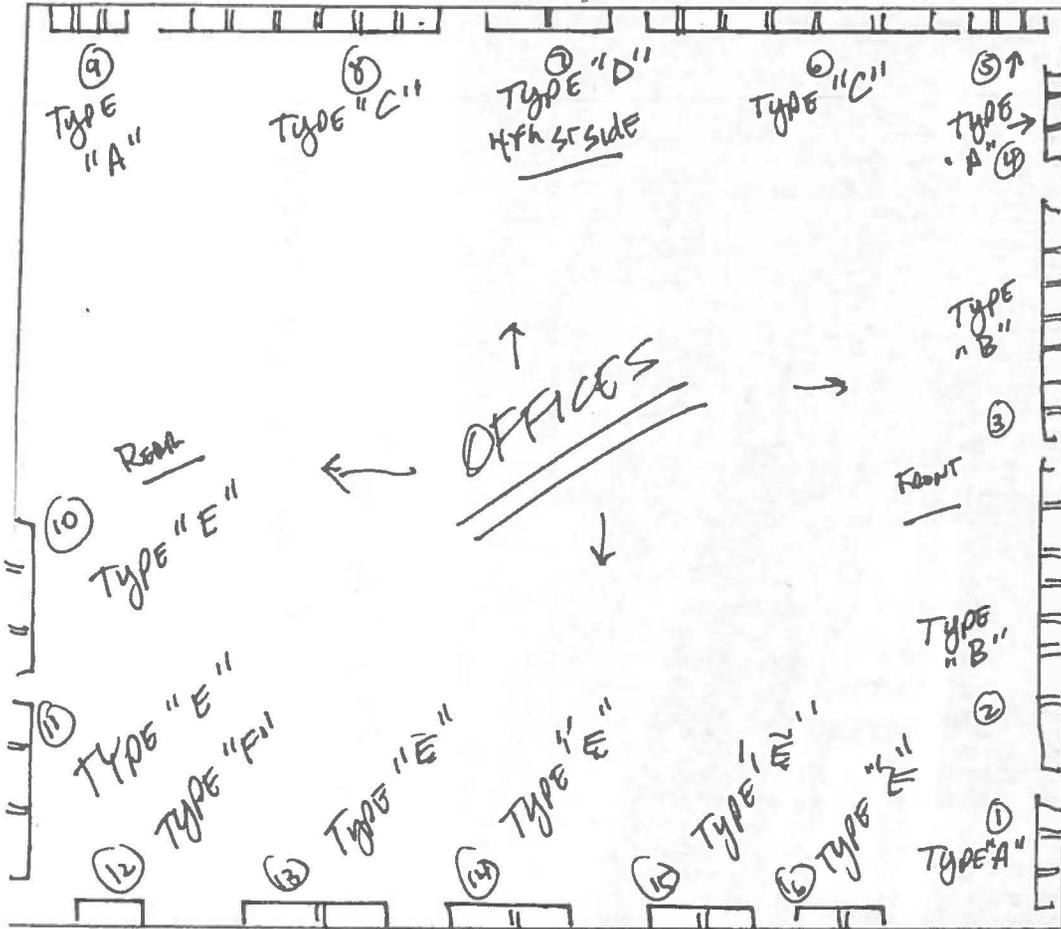
29 STRAP ANCHOR



Project Diagram

Job ID \_\_\_\_\_ Customer USGS Address 600 Htn & St Sales Rep Dhos.

DON'T FORGET \*Mean Roof Height \*Corners \*Room IDs



No.	Type	DP	Size	SHGC	U-Factor
1	Fixed x3	50	120 x 72		
2	Fixed x7	↓	366 x 72	N/A	
3	Fixed x7	↓	366 x 72		
4	Fixed x3		120 x 72		
5	Fixed x2		120 x 72		
6	Fixed x6		380 x 72		
7	Fixed x2		120 x 72		
8	Fixed x6		380 x 72		
9	Fixed x3		120 x 72		
10	Fixed x3	190	190 x 2260		
11	Fixed x3		190 x 60		
12	Fixed x1		84 x 60		
13	Fixed x2		120 x 60		
14	Fixed x2		120 x 60		
15	Fixed x2		120 x 60		
16	Fixed x2		120 x 60		
17			x		
18			x		
19			x		
20			x		
21			x		
22			x		
23			x		
24			x		
25			x		

Commercial  
less than  
30% property  
value.

NOTE: UPPER UNITS ONLY  
(AT THIS TIME)







NOTE: 0 upper units only at this time



# Appendix B:

Letter from SHPO Concerning Chapter 267 Review



## FLORIDA DEPARTMENT *of* STATE

**RON DESANTIS**

Governor

**LAUREL M. LEE**

Secretary of State

Ms. Lorraine Armstrong  
Real Estate Concierge Services, LLC  
100 Beach Drive NE, Ste. 401  
St. Petersburg, Florida 33701

August 29, 2019

RE: DHR Project File No.: 2019-4373  
Project: Replace Windows and Frames on Second Floor  
Studebaker Building, 600 4<sup>th</sup> Street South  
St. Petersburg, Pinellas County

Dear Ms. Armstrong:

Our office reviewed the referenced project in accordance with Chapter 267, *Florida Statutes*, and implementing state regulations, for possible effects on historic properties listed, or eligible for listing, in the *National Register of Historic Places*, or otherwise of historical, architectural or archaeological value.

We note that the Studebaker Building (8PI00905) is listed on the National Register of Historic Places (NRHP). The proposed project is to replace the original windows and window frames on the second floor of the building. It is the opinion of this office that replacing the steel frame windows with wood frames could have an adverse effect on this NRHP listed building.

To avoid an adverse effect, all work should be consistent with the Secretary of the Interior's Standards for Rehabilitation (the Standards). To meet the Standards, we recommend that the steel frames are left in place and the window panes repaired or replaced individually. The frames should be repaired and painted if necessary. If repair is not feasible, we request further documentation including detailed plans for proposed replacement window frames, and consultation with this office to insure an acceptable replacement that matches the existing window frames is selected.

For any questions concerning our comments, please contact Robin Jackson, Historic Preservationist, Compliance and Review, by electronic mail at [robin.jackson@dos.myflorida.com](mailto:robin.jackson@dos.myflorida.com), or at 850.245.6496, or 800.847.7278.

Sincerely,

For  
Timothy A. Parsons, Ph.D.  
Director, Division of Historical Resources and  
State Historic Preservation Officer

# Appendix C:

Supplemental Information Submitted by Applicant

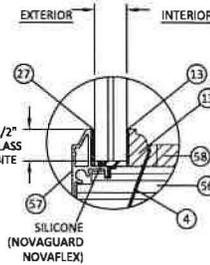
# ANDERSEN CORPORATION

## E-SERIES SPECIALTY (AUXILIARY) FIXED WINDOW (HVHZ)(IMPACT)



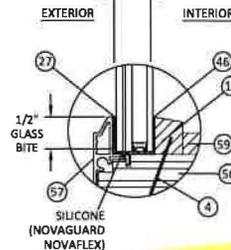
100 FOURTH AVE NORTH  
BAYPORT, MN 55023-1096  
PH: (651) 264-5150 FX: (651) 264-5485

9/16" O.A. MONOLITHIC LAMINATED GLASS :  
1/4" ANNEALED GLASS  
0.090" SENTRYGLAS INTERLAYER BY KURARAY AMERICA  
1/4" ANNEALED GLASS



**GLAZING DETAIL 1**  
SHOWN WITH COLONIAL GLASS STOP

1-1/4" O.A. INSULATED GLASS :  
1/4" ANNEALED GLASS  
0.090" SENTRYGLAS INTERLAYER BY KURARAY AMERICA  
1/4" ANNEALED GLASS  
AIR SPACE: STAINLESS STEEL BOX SPACER  
3/16" HEAT STRENGTHENED GLASS



**GLAZING DETAIL 2**  
SHOWN WITH CONTEMPORARY GLASS STOP

- GLAZING NOTES:**
- GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-04 (3 SEC. GUSTS) AND CHAPTER 17 OF THE CURRENT FBC FOR SIZES OTHER THAN TESTED.
  - SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN CHAPTER 24.
  - SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER CHAPTER 24.
  - D.L.O. MAY NOT EXCEED MAX DIMENSIONS IN DESIGN PRESSURE TABLES.

- GENERAL NOTES:**
- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), INCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
    - TAS 201-94
    - TAS 202-94
    - TAS 203-94
  - ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X AND METAL STUD FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
  - 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
  - THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
  - APPROVED IMPACT PROTECTIVE SYSTEM IS **NOT REQUIRED** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
  - WINDOW FRAME MATERIAL: **ALUMINUM CLAD WOOD.**
  - GLASS MEETS THE REQUIREMENTS OF ASTM E1300. SEE GLAZING DETAILS ON SHEET 1.
  - DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:  
X: OPERABLE PANEL  
O: FIXED PANEL
  - CUSTOM SIZES AVAILABLE UPON REQUEST. CUSTOM DESIGN PRESSURE WILL BE ASSIGNED EQUAL TO NEXT LARGER STANDARD SIZE.

TABLE OF CONTENTS		
SHEET	REVISION	SHEET DESCRIPTION
1	B	GENERAL NOTES AND GLAZING DETAILS
2	B	ELEVATIONS AND QUALIFIED CONFIGURATIONS
3	B	ANCHOR LAYOUTS
4	B	VERTICAL SECTIONS
5	B	HORIZONTAL SECTIONS
6	B	ANCHOR DETAILS
7	B	COMPONENTS AND BILL OF MATERIALS

TITLE: E-SERIES SPECIALTY (AUXILIARY) FIXED WINDOW (HVHZ)(IMPACT)

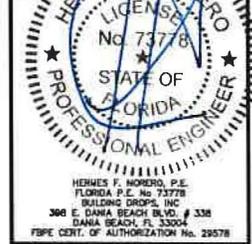
GENERAL NOTES AND GLAZING DETAILS

PREPARED BY: BUILDING DROPS, INC.  
388 E. DANIA BEACH BLVD., STE. 338  
DANIA BEACH, FL 33004  
PH: (954) 939-8478  
FAX: (954) 939-8478  
WEB: www.buildingdrops.com

REMARKS	BY	DATE
FORMAT UPDATE	LL	7.15.18

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.

Digitally signed by Thomas F. Morero  
Reason: I am approving this document  
Date: 2018.12.16 21:52:17 -0500



FL #:	<b>FL24230</b>
DATE:	<b>10.12.17</b>
DWG. BY:	<b>AG</b>
CHK. BY:	<b>HFN</b>
SCALE:	<b>NTS</b>
DWG. #:	<b>AWD209</b>
SHEET:	<b>1</b>

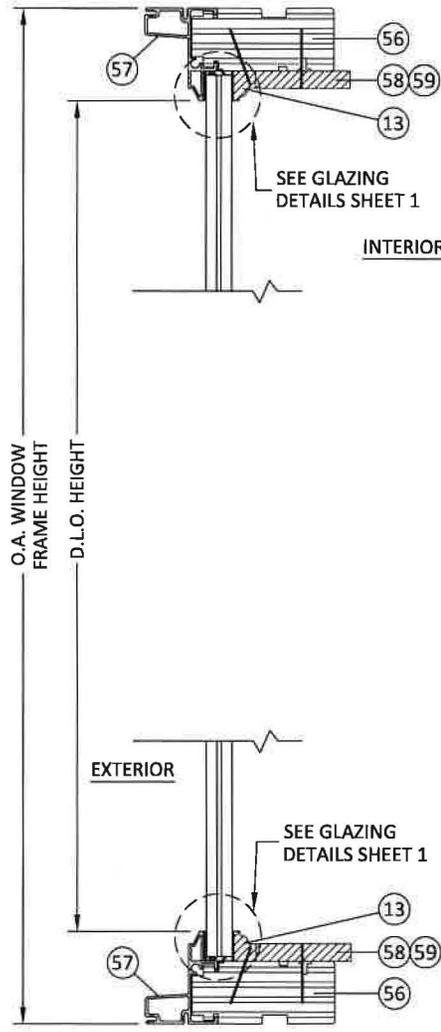
OF 7

OVERALL FRAME SIZE		OVERALL D.L.O. DIMENSION		GLASS TYPE	DESIGN PRESSURE (PSF)	
WIDTH (IN.)	HEIGHT (IN.)	WIDTH (IN.)	HEIGHT (IN.)		POS.	NEG.
60.0	96.0	56.0	92.0	G1, G2	+70.0	-75.0

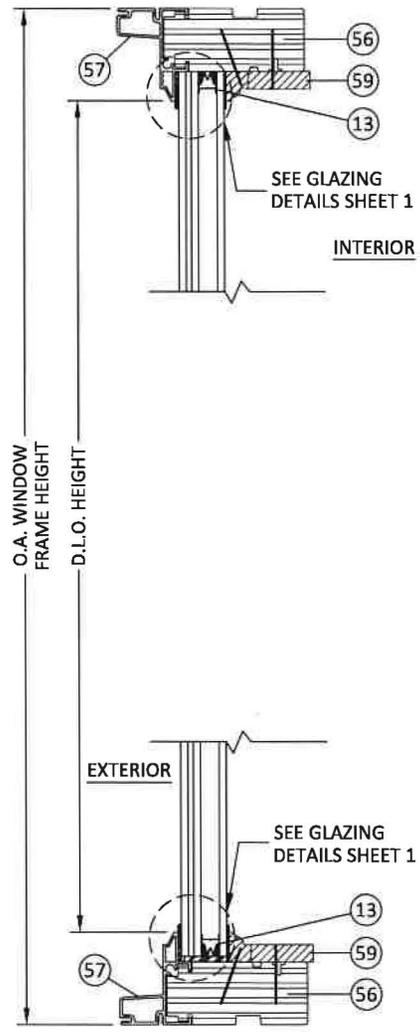
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01/12/2017 1:47 PM

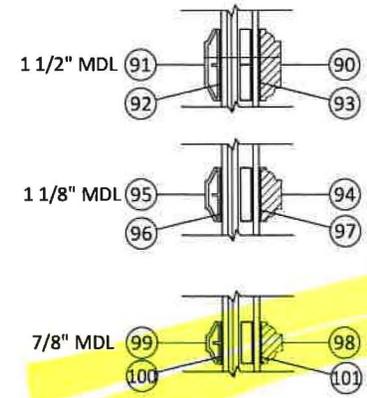
C:\projects\anderson\windows\300-3000-2-100\summary - series\detail\muntin\muntin-1.dwg



**A**  
4  
**VERTICAL SECTION**  
MONOLITHIC GLASS



**B**  
4  
**VERTICAL SECTION**  
INSULATED GLASS



**OPTIONAL MUNTIN BAR ATTACHEMENT TO GLASS**



100 FOURTH AVE NORTH  
BAYPORT, MN 55003-1096  
PH: (651) 264-5150 FX: (651) 264-5485

TITLE: E-SERIES SPECIALTY (AUXILIARY) FINED WINDOW (H/H/I/IMPACT)

VERTICAL SECTIONS

PREPARED BY:  
BUILDING DROPS, INC.

398 E. DANIA BEACH BLVD., STE. 338  
DANIA BEACH, FL 33004  
PH: (954) 999-4478  
WEB: www.buildingdrops.com



REMARKS	BY	DATE
FORMAT UPDATE	LL	7.15.19

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERAL AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTATION FOR USE WITH THIS DOCUMENT.

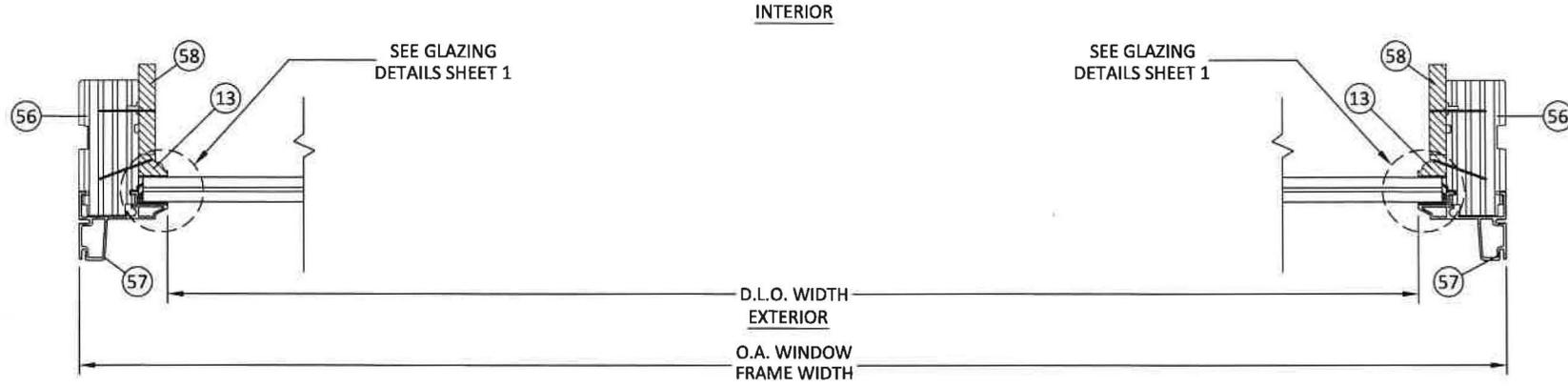


HERMES F. NORBERG, P.E.  
FLORIDA P.E. No. 73778  
BUILDING DROPS, INC.  
398 E. DANIA BEACH BLVD., # 338  
DANIA BEACH, FL 33004  
FBPE CERT. OF AUTHORIZATION No. 29678

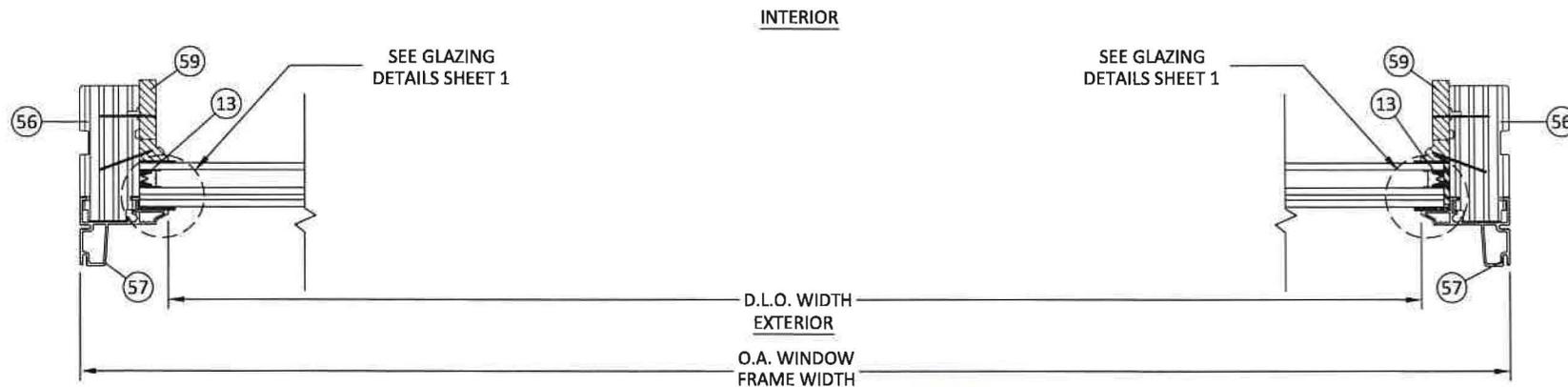
FL #:	FL24230
DATE:	10.12.17
DWG. BY:	AG
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	AWD209
SHEET:	4

01/10/2019 8:47 AM

C:\projects\anderson\windows\19-1044-2 - the window - window\main\main.dwg (1/10/2019 8:47 AM) - 1/10/2019 8:47 AM



**A**  
**5** **HORIZONTAL SECTION**  
MONOLITHIC GLASS



**B**  
**5** **HORIZONTAL SECTION**  
INSULATED GLASS



100 FOURTH AVE NORTH  
BAYPORT, MN 55003-1096  
PH: (651) 264-5150 FX: (651) 264-5485

TITLE: F-SERIES SPECIALTY (AUXILIARY) FINED WINDOW (HURZ/IMPACT)

HORIZONTAL SECTIONS

PREPARED BY:

**BUILDING DROPS, INC.**  
308 E. DANIA BEACH BLVD., STE. 338  
DANIA BEACH, FL 33004  
PH: (954) 399-8478  
FAX: (954) 444-8738  
WEB: www.buildingdrops.com



REMARKS	BY	DATE
FORMAT UPDATE	LL	7.15.19

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERAL AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.

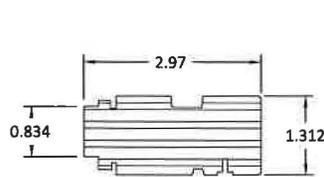


HERMES F. NORERO, P.E.  
FLORIDA P.E. No. 73778  
BUILDING DROPS, INC.  
308 E. DANIA BEACH BLVD. # 338  
DANIA BEACH, FL 33004  
FBPE CERT. OF AUTHORIZATION No. 29678

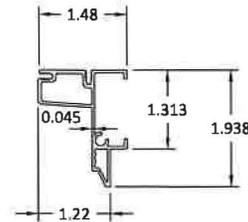
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DATE:	<b>10.12.17</b>
DWG. BY:	<b>AG</b>
CHK. BY:	<b>HFN</b>
SCALE:	<b>NTS</b>
DWG. #:	<b>AWD209</b>
SHEET:	<b>5</b>

**BILL OF MATERIALS**

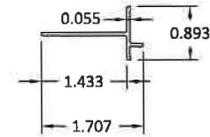
ITEM	DESCRIPTION	MATERIAL
A	3/8" MAX. SHIM SPACE	WOOD
C	1X BUCK (SG>=0.55)	WOOD
D	2X BUCK (SG>=0.55)	WOOD
E	1/4" X 2-3/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
F	MASONRY - 3,000 PSI MIN CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
G	1/4" X 3-3/4" PFH WOOD SCREW	STEEL
H	#10 X 3" PFH WOOD SCREW	STEEL
4	18GA X 1-1/4" BRAD TRIM NAIL	STEEL
13	GLASS STOP (PINE)	WOOD
27	POLYETHYLENE FOAM TAPE	-
29	STRAP ANCHOR	STEEL
37	#8 X 5/8" PFH SMS	STEEL
38	#8 X 2" PFH SMS	STEEL
46	GLAZING TAPE .094" x 2.65" BUTYL TAPE	-
56	AUXILIARY FRAME	LVL
57	STD. FRAME CLADDING	6063-T5
58	SECONDARY STOP (PINE)	WOOD
59	SECONDARY STOP (PINE)	WOOD
70	ALUMINUM NAIL FIN	6063-T5
71	#8 X 1-1/2" PFH SMS	STEEL
72	#8 X 1/2" PPH TEK SCREW	STEEL
90	1-1/2" INTERIOR COLONIAL MDL BAR	WOOD
91	1-1/2" EXTERIOR MDL BAR	6063-T5
92	1-1/2" MDL ADHESIVE TAPE (EXTERIOR FACE)	POLYETHYLENE
93	1-1/2" MDL ADHESIVE TAPE (INTERIOR FACE)	POLYETHYLENE
94	1-1/8" INTERIOR COLONIAL MDL BAR	WOOD
95	1-1/8" EXTERIOR MDL BAR	6063-T5
96	1-1/8" MDL ADHESIVE TAPE (EXTERIOR FACE)	POLYETHYLENE
97	1-1/8" MDL ADHESIVE TAPE (INTERIOR FACE)	POLYETHYLENE
98	7/8" INTERIOR COLONIAL MDL BAR	WOOD
99	7/8" EXTERIOR MDL BAR	6063-T5
100	7/8" MDL ADHESIVE TAPE (EXTERIOR FACE)	POLYETHYLENE
101	7/8" MDL ADHESIVE TAPE (INTERIOR FACE)	POLYETHYLENE



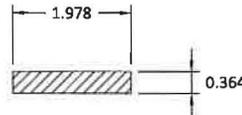
56 AUXILIARY FRAME



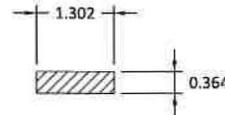
57 STD. FRAME CLADDING



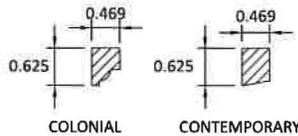
70 NAIL FIN ALUMINUM



58 SECONDARY STOP 1-13/16" NOMINAL GLASS



59 SECONDARY STOP 1-1/4" NOMINAL GLASS



13 GLASS STOP



29 STRAP ANCHOR



100 FOURTH AVE NORTH  
BAYPORT, MN 55003-1096  
PH: (651) 264-5150 FX: (651) 264-5485

TITLE: E-SERIES SPECIALTY (AUXILIARY) FIXED WINDOW (HPP2) IMPACT COMPONENTS AND BILL OF MATERIALS

PREPARED BY: BUILDING DROPS, INC.

BUILDING DROPS, INC.  
398 E. DANIA BEACH BLVD. SUITE 308  
DANIA BEACH, FL 33004  
PH: (954) 999-4478  
FAX: (954) 944-4738  
WEB: www.buildingdrops.com



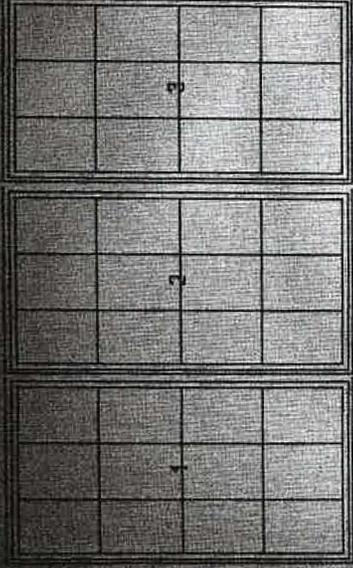
REMARKS	BY	DATE
FORMAT UPDATE	LL	7.15.19

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERAL AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.

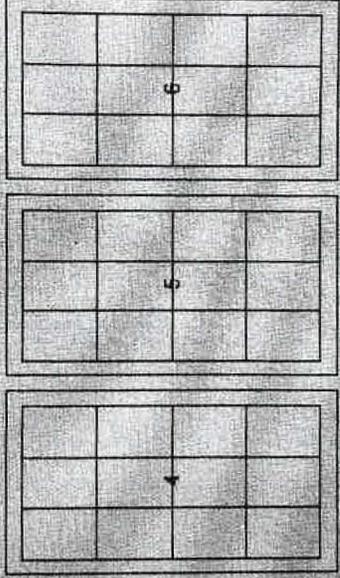


FL #:	<b>FL24230</b>
DATE:	<b>10.12.17</b>
DWG. BY:	<b>AG</b>
CHK. BY:	<b>HFN</b>
SCALE:	<b>NTS</b>
DWG. #:	<b>AWD209</b>
SHEET:	<b>7</b>

USGS



EXISTING  
EXAMPLE  
↓



Proposed  
EXAMPLE  
↓  
TYPE A

USGC

Proposed  
Construction  
Material

All



USGS

Proposed.

Applied

Divided

lite

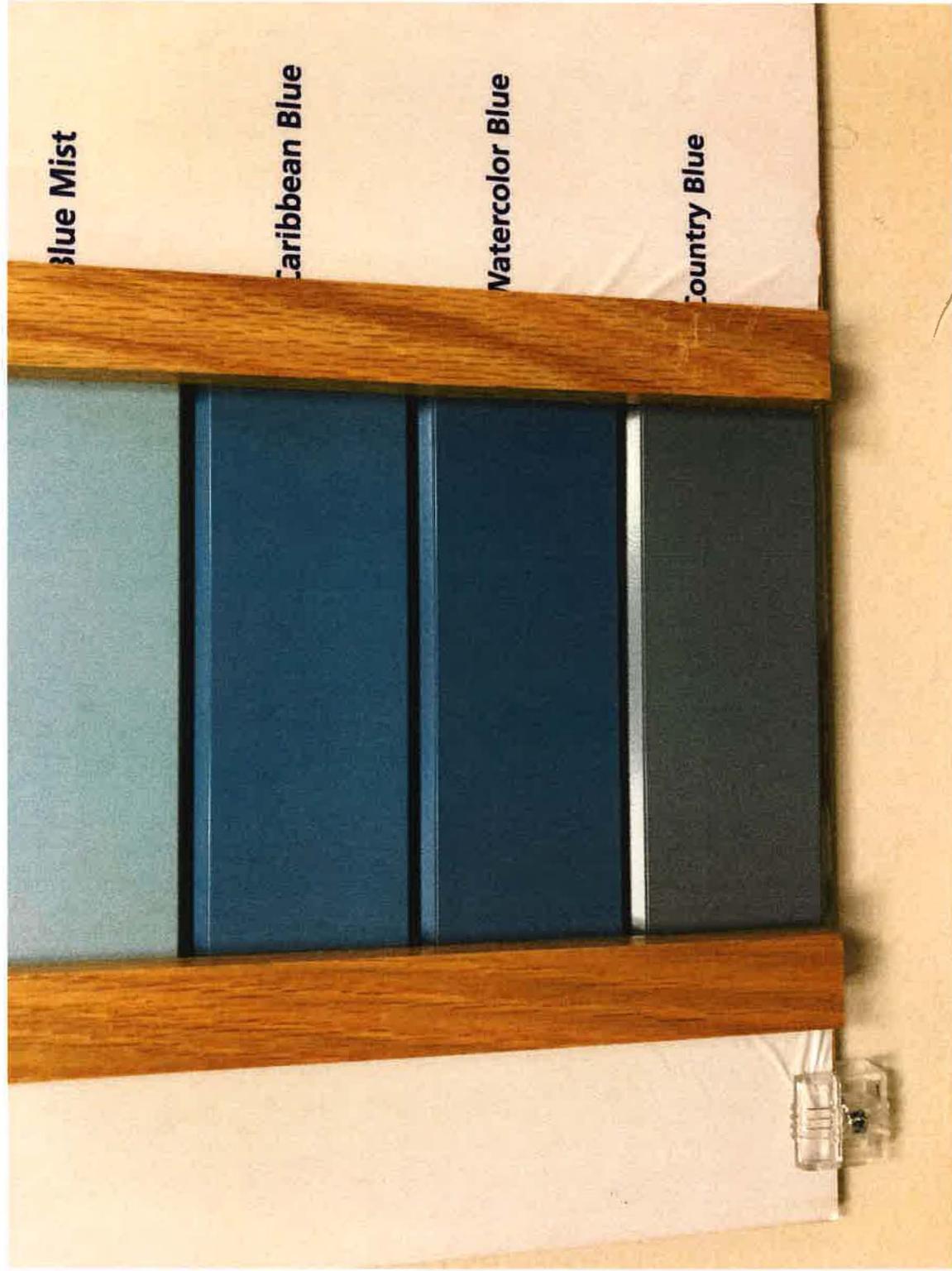
gilles

example



USGS

Effluent color options



Proposed  
INTERNAL  
Finish / material



## Laura Duvekot

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**From:** Dan Hosmer <dan.hosmer@faswd.com>  
**Sent:** Tuesday, July 16, 2019 9:56 AM  
**To:** Joel Lawson; Laura Duvekot  
**Cc:** larmstrong4@tampabay.rr.com  
**Subject:** Re: 600 4th St S

Good morning Laura, thanks for taking the time to speak with me again this morning. Just to review our conversation here are the bullet points of why we are submitting and recommending these materials for replacement.

- The existing lower units that are remaining are currently wood materials ( Will architecturally match better unlike the current condition )
  - When the windows were originally installed/building was constructed it was an open floor plan. It has since been converted to office spaces with interior walls that butt to the windows. Currently from the exterior you can see the interior frame walls. This design allows the interior walls to be more concealed behind connection from window to window. It also allows us to make the structural impact connections that are needed for engineering.
  - One of the specification is to replace windows as "Southern energy star rated"
- The window we proposed are Southern energy star rated ( steel framed windows do not meet this energy specification )

Thank you. Let me know if anything else is needed and we look forward to the successful completion of this project.

Sent from my iPhone

On Jul 11, 2019, at 1:13 PM, Joel Lawson <[permitstodayllc@yahoo.com](mailto:permitstodayllc@yahoo.com)> wrote:

Dan,

Please get in direct contact with Laura Duvekot and answer any questions she may have.

Best regards,

Joel Lawson  
Permits Today, LLC

----- Forwarded Message -----

**From:** Laura Duvekot <[Laura.Duvekot@stpete.org](mailto:Laura.Duvekot@stpete.org)>  
**To:** Joel Lawson <[permitstodayllc@yahoo.com](mailto:permitstodayllc@yahoo.com)>  
**Cc:** Derek Kilborn <[Derek.Kilborn@stpete.org](mailto:Derek.Kilborn@stpete.org)>; Kelly K. Perkins <[Kelly.Perkins@stpete.org](mailto:Kelly.Perkins@stpete.org)>  
**Sent:** Thursday, July 11, 2019, 12:45:04 PM EDT  
**Subject:** RE: 600 4th St S

Good afternoon Joel –

Thank you for submitting the attached COA application. It is difficult to tell for certain from the photographs included, but based on the photographs and documentation I have on file, I understand the

second-level windows to be steel-framed windows with awning-type openings, not wood. When I met the manager on site last year I understood the proposed replacement to include only the lower-level storefronts.

Linked below is a "National Register Bulletin," a guide to historic standards, on steel windows:

<https://www.nps.gov/tps/how-to-preserve/briefs/13-steel-windows.htm#replace>.

Please let me know if I can help with any restoration resources.

Since this is a USGS building and project and the building is listed in the National Register as well as the St. Petersburg Register, the State Historic Preservation Office might need to review proposed changes, depending on the source of funding. If this is the case I'd be glad to coordinate with them as much as possible to streamline things on your end.

I hope that there are no crossed wires or misunderstandings on my part, but based on the application I understand the proposal to constitute a metal to wood change, which would necessitate approval by the Community Planning and Preservation Commission. I can place this item on the September 10 agenda. The application did not include information on condition issues or a need for replacement, so if you would like to proceed with the application for replacement as submitted, the documentation or statements of the need for replacement will be helpful in staff's evaluation and recommendation to the Commission.

Best regards,

Laura Duvekot

Historic Preservationist II

City of St. Petersburg, Florida

727.892.5451

[laura.duvekot@stpete.org](mailto:laura.duvekot@stpete.org)

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**From:** Joel Lawson [<mailto:permitstodayllc@yahoo.com>]  
**Sent:** Tuesday, July 09, 2019 4:20 PM  
**To:** Laura Duvekot <[Laura.Duvekot@stpete.org](mailto:Laura.Duvekot@stpete.org)>  
**Subject:** Fw: 600 4th St S

Laura,

Attached is the COA you requested for this window replacement at the above address.

If there is any other information we can supply to get this through with administrative approval please let me know. We have reviewed the checklist and this replacement meets all of the criteria required.

Best regards,

Joel Lawson

Permits Today, LLC

----- Forwarded Message -----

**From:** Deborah Lawson <[dllawson@verizon.net](mailto:dllawson@verizon.net)>

**To:** "[permitstodayllc@yahoo.com](mailto:permitstodayllc@yahoo.com)" <[permitstodayllc@yahoo.com](mailto:permitstodayllc@yahoo.com)>

**Sent:** Tuesday, July 9, 2019, 11:32:08 AM EDT

**Subject:** 600 4th St S

Debbie Lawson  
Permits Today LLC

813-215-9756

[Your Sunshine City](#)

## Laura Duvekot

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**From:** Lorraine Armstrong <larmstrong4@tampabay.rr.com>  
**Sent:** Friday, September 20, 2019 12:13 PM  
**To:** 'Jackson, Robin D.'; 'Aldridge, Jason H.'; Laura Duvekot  
**Cc:** 'David Brett'  
**Subject:** FW: USGS Studebaker Building - RestoreWDS / Windows

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good afternoon, below is a letter regarding repair of the metal windows at USGS, for your information and files.

Thank you,

Lorraine Armstrong

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**From:** Info [mailto:restorewds@gmail.com]  
**Sent:** Thursday, September 19, 2019 1:41 PM  
**To:** larmstrong4 <larmstrong4@tampabay.rr.com>  
**Cc:** dbrett@tampabay.rr.com  
**Subject:** USGS - RestoreWDS / Windows

Lorraine, Thank you for your inquiry for repairs to the windows at the USGS building downtown St. Petersburg.

We have inspected the windows, see attached photos, Per your request for repair, increased efficiency and wind hardening.

Repairs: The existing windows are steel construction, there has been a great amount of deterioration of the metals so there will be minimal that can be done to the frames. It does appear that a great deal of additional caulking and patchwork has been done to these windows over the years.

If you would like us to come out and remove the existing additional sealants and re-seal or re glass putty the labor rate is \$95 per hour per man with \$175 trip charge ( 2 men crews min )

There is really no proper way to "patch" the holes of these existing steel windows so we do not offer this as a service.

Throughout the property there are multiple broken panes of glass we could replace these pieces

all of the sizes are similarly proportion so the price will be the same for all of them \$195 per piece ( we cannot guarantee the glazing putty will hold due to the amount of steel frame rott / deterioration )

Wind harding: we will be happy to supply a proposal for exterior shutters however the existing awnings are in the way of where the attachments/tracks will need to be for any approved Hurricane rated system. The existing awnings will need to be removed permanently. additionally, shutters will be need to be deployed via man-lift when needed due to it being on the second level.

Is that acceptable?

Efficiency: The existing frames will not house ( thicker ) replacement glass that is high-efficiency.

We would be happy to supply a proposal for complete replacement of all windows via my construction company Mc2 builders.

Please let us know if you are interested in that.

Thanks

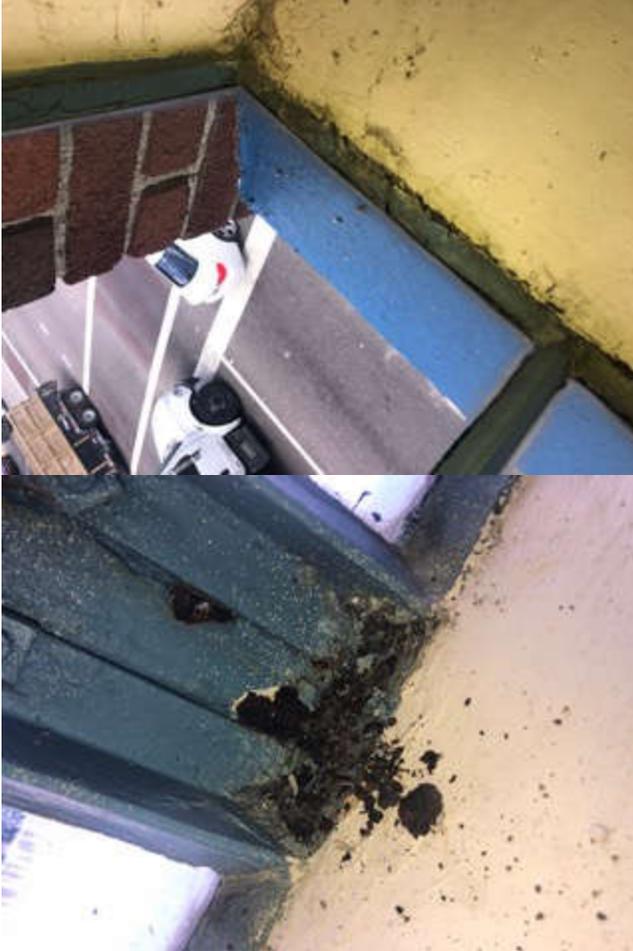
Harold Mccaslin

RestoreWDS/Mc2

727-685-2353

[www.mc2builders.com](http://www.mc2builders.com)







# Appendix D:

## Maps of Subject Property



5TH AVE S

5TH TERR S

4TH ST S

MOUND PARK AVE S

6TH ST S

7TH AVE S

3RD ST S

8TH AVE S

8TH AVE S

SHOWN IN

19-90200041

N  
SCALE:  
1" = 175'

5TH AVE S

5TH TERR S

4TH ST S

6TH AVE S

MOUND PARK AVE S

5TH ST S

7TH AVE S

3RD ST S

8TH AVE S

8TH AVE S

Community Planning and Preservation Commission

600 4th St S

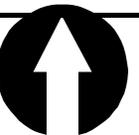
AREA TO BE APPROVED,

SHOWN IN



CASE NUMBER

19-90200041



N

SCALE:  
1" = 175'