
CERTIFICATE OF APPROPRIATENESS

Applicant: Clayton Fry agent on behalf of Patrick M. "Marty" Lancton, President/Chairman of Houston Professional Fire Fighters Association Charitable Foundation

Property: 9302 Lyons Ave, Block 54, Lots 1,2,3,4 in the Denver Subdivision. The property includes a two story, historic fire station building of 2,816 sq ft square foot situated on a 12,500 (100' x 125') square foot corner lot.

Significance: Fire Station No. 27 was built in 1940 in the Classical Revival style designed by Hamilton Brown and is located in the Fifth Ward.

Proposal: Alteration – Siding or Trim, windows

- Exempt work includes routine repair and maintenance for metal details, concrete and brick, infill to match where necessary.
- No historic windows remain, aluminum replacements with simulated divided lite to be installed based on historic plan set (see drawings)
- Install new standing seam metal roof (no roof currently, roof had collapsed c.2010)
- Remove non-historic shed addition

Public Comment: No public comment received.

Civic Association: No comment received.

Recommendation: Approval

HAHC Action: -

APPROVAL CRITERIA

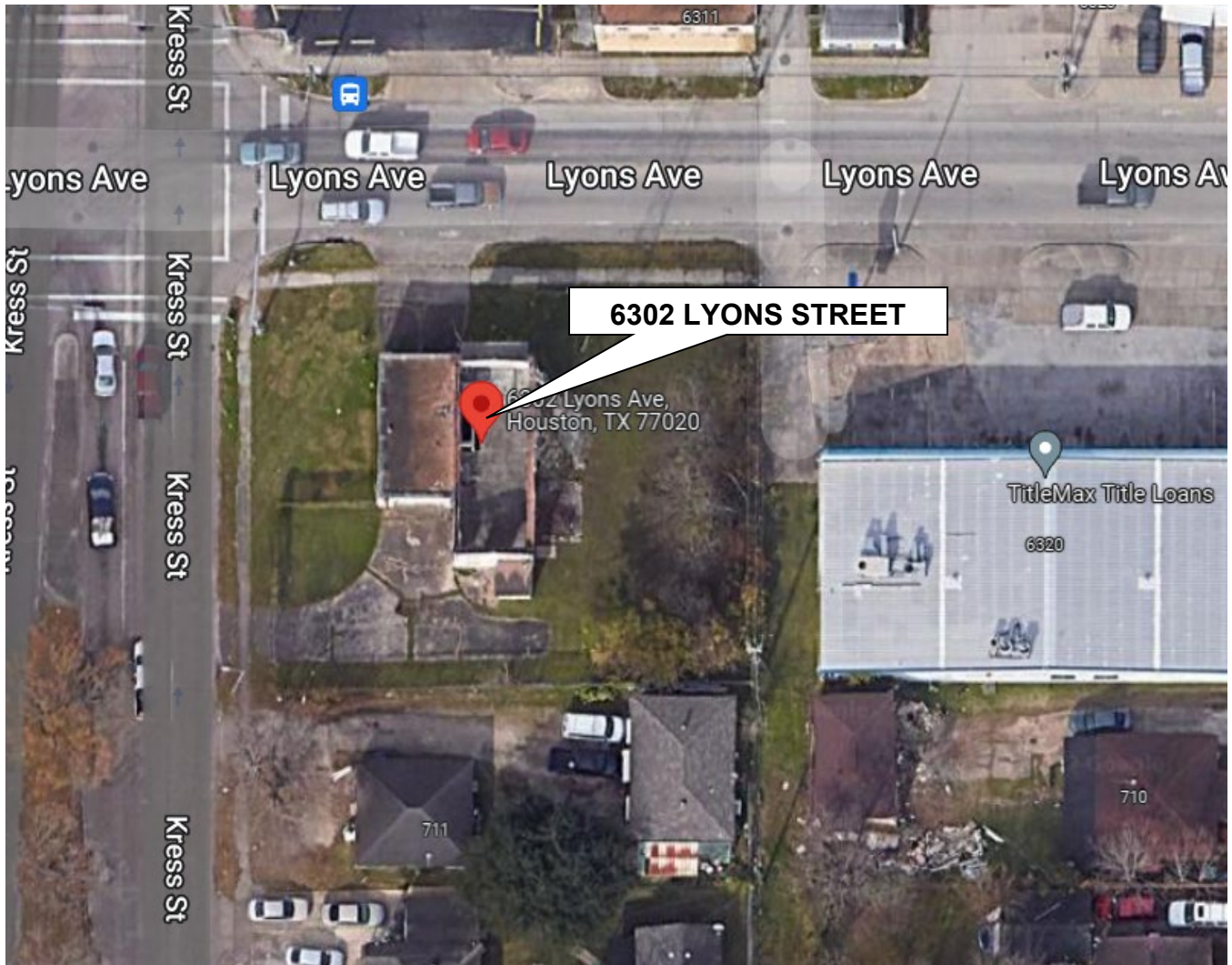
ALTERATIONS, REHABILITATIONS, RESTORATIONS AND ADDITIONS

Sec. 33-241: HAHC shall issue a certificate of appropriateness for the alteration, rehabilitation, restoration or addition of an exterior feature of (i) any landmark, (ii) protected landmark, (iii) any building, structure or object that is part of an archaeological site, or (iv) contributing building in a historic district upon finding that the application satisfies the following criteria, as applicable:

S D NA S - satisfies D - does not satisfy NA - not applicable

- (1) The proposed activity must retain and preserve the historical character of the property;
(2) The proposed activity must contribute to the continued availability of the property for a contemporary use;
(3) The proposed activity must recognize the building, structure, object or site as a product of its own time and avoid alterations that seek to create an earlier or later appearance;
(4) The proposed activity must preserve the distinguishing qualities or character of the building, structure, object or site and its environment;
(5) The proposed activity must maintain or replicate distinctive stylistic exterior features or examples of skilled craftsmanship that characterize the building, structure, object or site;
(6) New materials to be used for any exterior feature excluding what is visible from public alleys must be visually compatible with, but not necessarily the same as, the materials being replaced in form, design, texture, dimension and scale;
(7) The proposed replacement of exterior features, if any, should be based on an accurate duplication of features, substantiated by available historical, physical or pictorial evidence, where that evidence is available, rather than on conjectural designs or the availability of different architectural elements from other structures;
(8) Proposed additions or alterations must be done in a manner that, if removed in the future, would leave unimpaired the essential form and integrity of the building, structure, object or site;
(9) The proposed design for any exterior alterations or addition must not destroy significant historical, architectural, archaeological or cultural material, including but not limited to siding, windows, doors and porch elements and must be compatible with the size, scale, material and character of the property and the area in which it is located;
(10) The proposed alteration or addition must be compatible with the massing, size, scale material and character of the property and the context area; and
(11) The distance from the property line to the front and side walls, porches, and exterior features of any proposed addition or alteration must be compatible with the distance to the property line of similar elements of existing contributing structures in the context area.

PROPERTY LOCATION
PROTECTED LANDMARK



**INVENTORY PHOTO – NO INVENTORY PHOTO
RECENT PHOTOS (GOOGLE STREET VIEW)**





CURRENT PHOTOS – non original shed addition to be removed



CURRENT PHOTO



CURRENT PHOTO



CURRENT PHOTO



CURRENT PHOTO



CURRENT PHOTO(S)



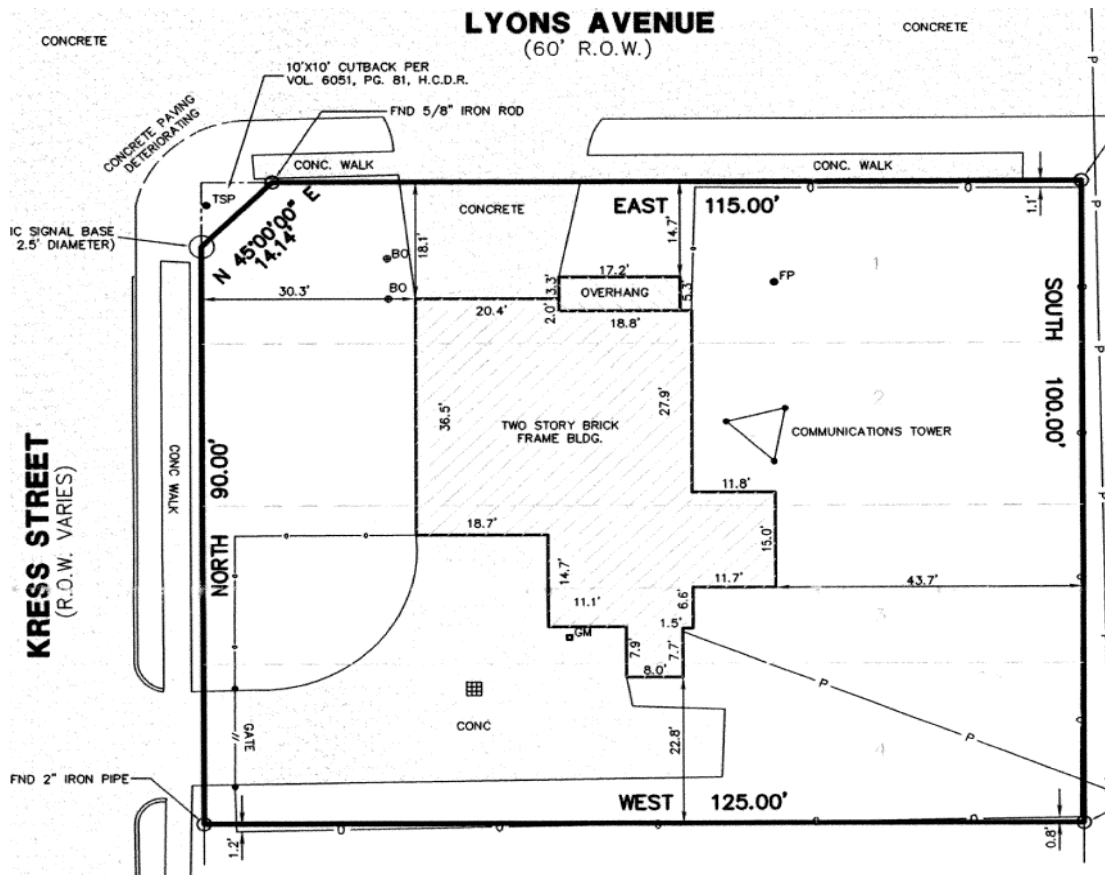
CURRENT PHOTO(S)



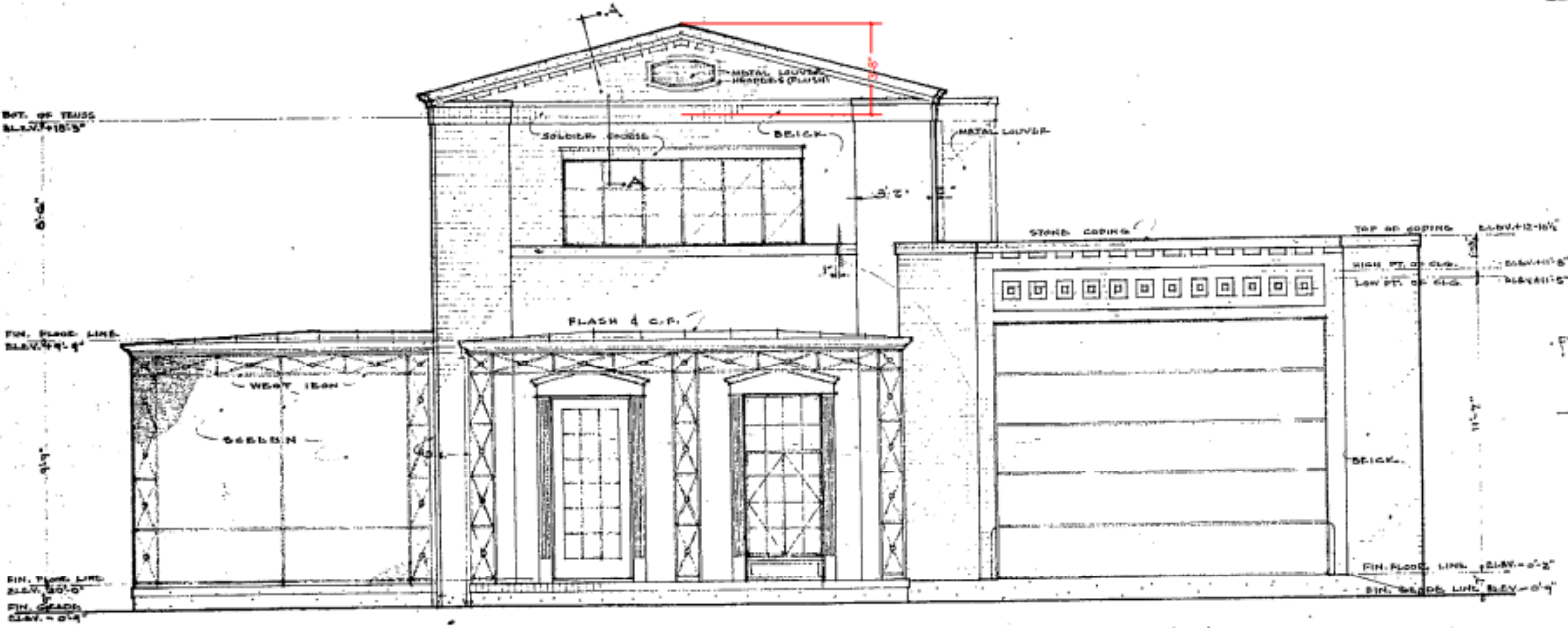
CURRENT PHOTO(S)



HISTORIC PHOTO c. 1980

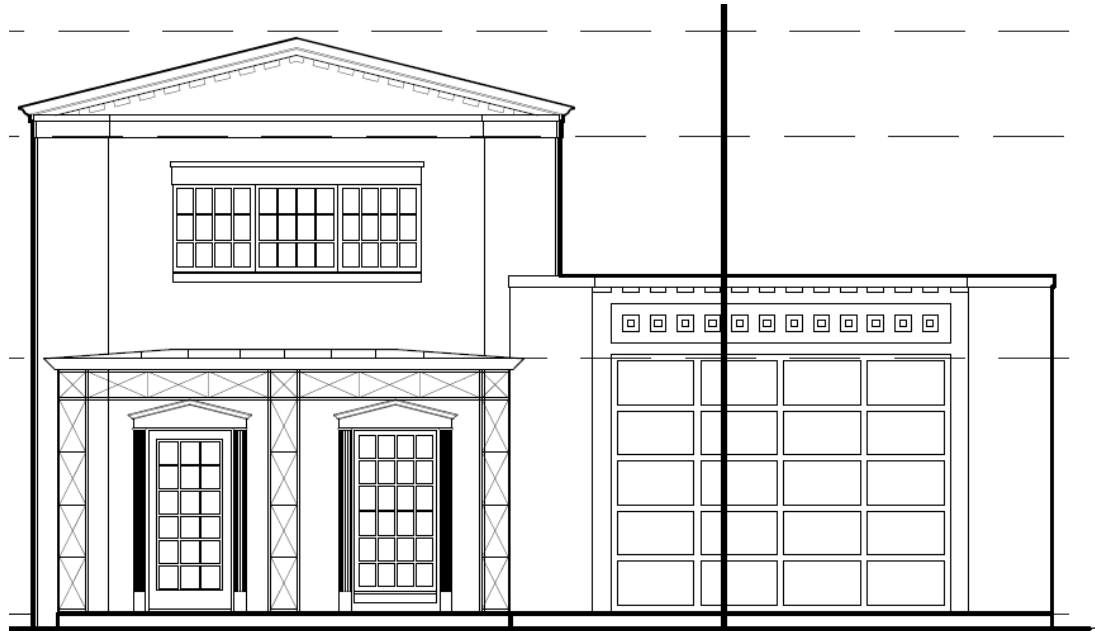


FRONT ELEVATION (NORTH) - HISTORIC



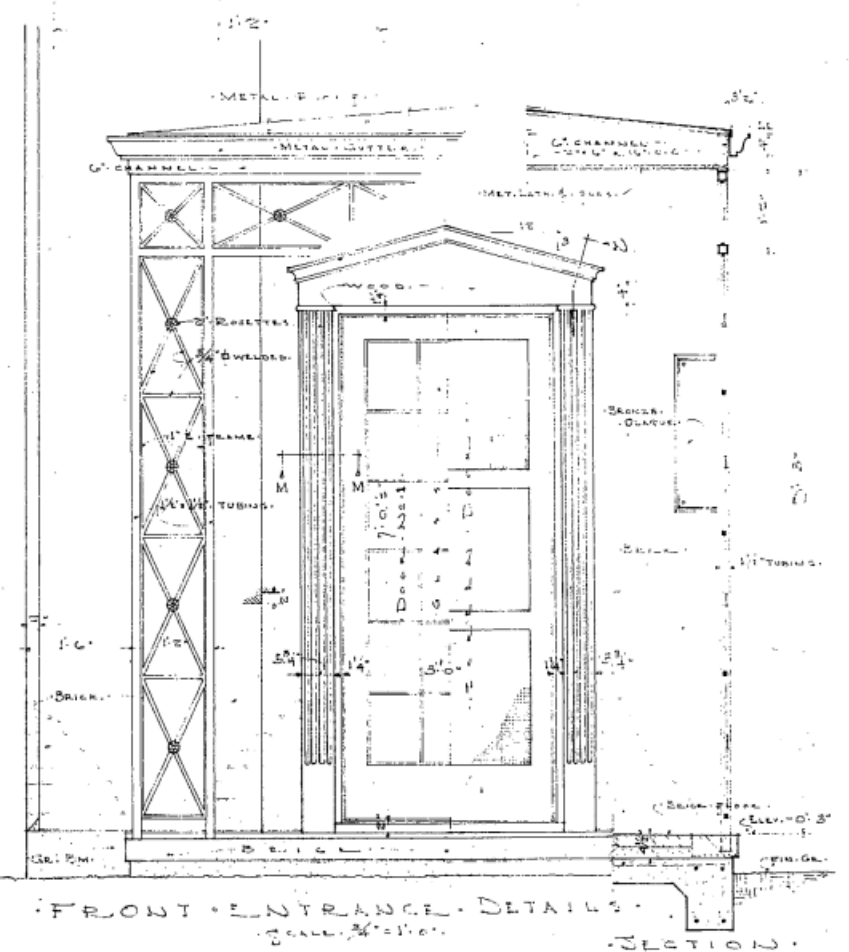
FRONT ELEVATION (NORTH)

PROPOSED



01 NORTH ELEVATION - WDW & ROOF REPLACEMENT
3/16"=1'-0"

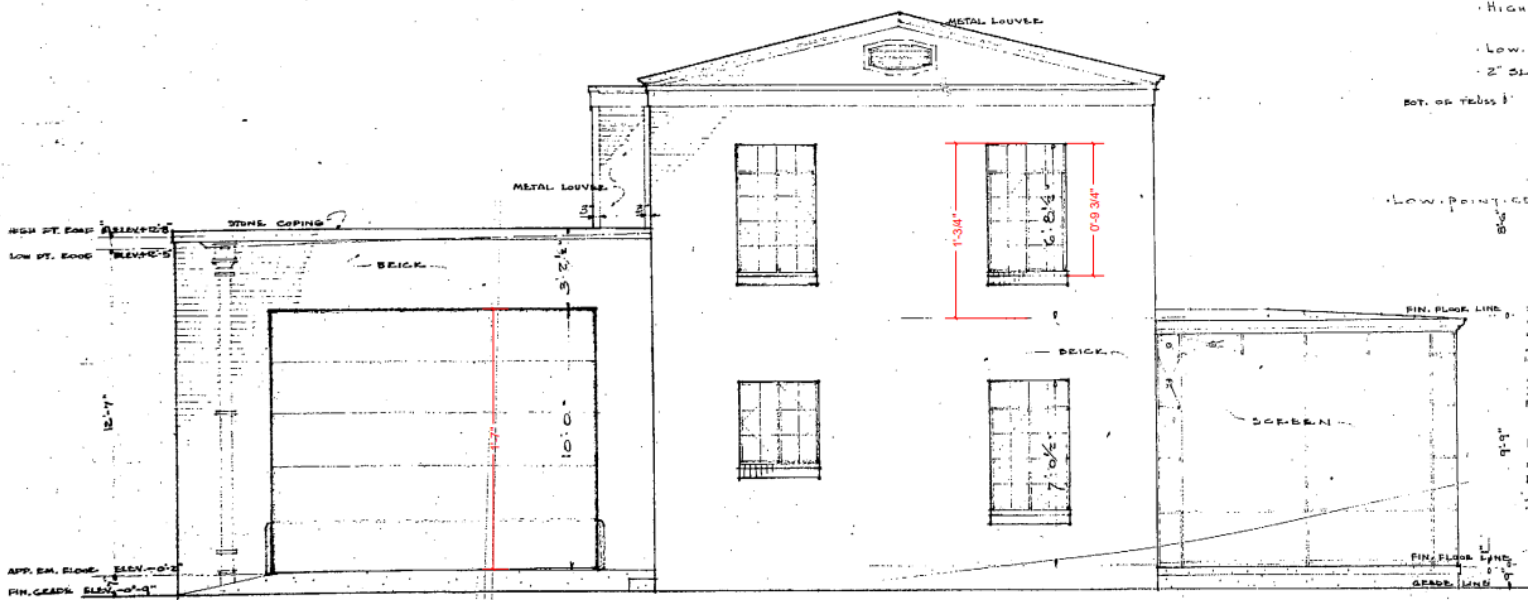
FRONT ELEVATION (NORTH ENTRY) TO BE RESTORED/REBUILT



	FIRE STATION FOR CITY OF HOUSTON		SHEET 4	
	HAMILTON BROWN - ARCHITECT HOWARD E. WESTFALL - ASSOCIATE HOUSTON TEXAS			
	DATE	DRAWN BY		W.
	AUG. 13, 1940	CHECKED BY		W.

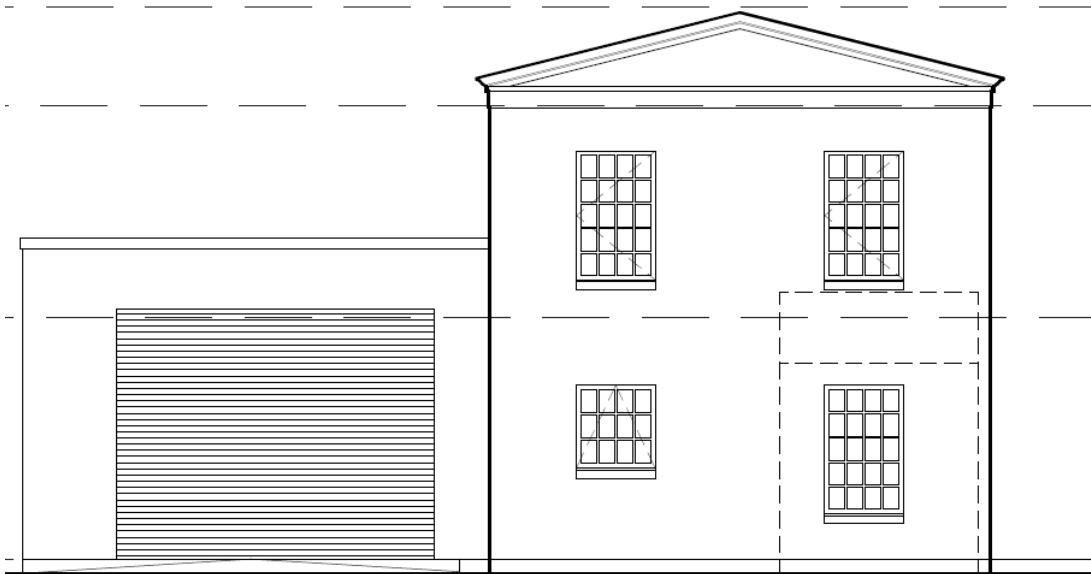
Photo c. 2015

REAR ELEVATION (SOUTH) - HISTORIC

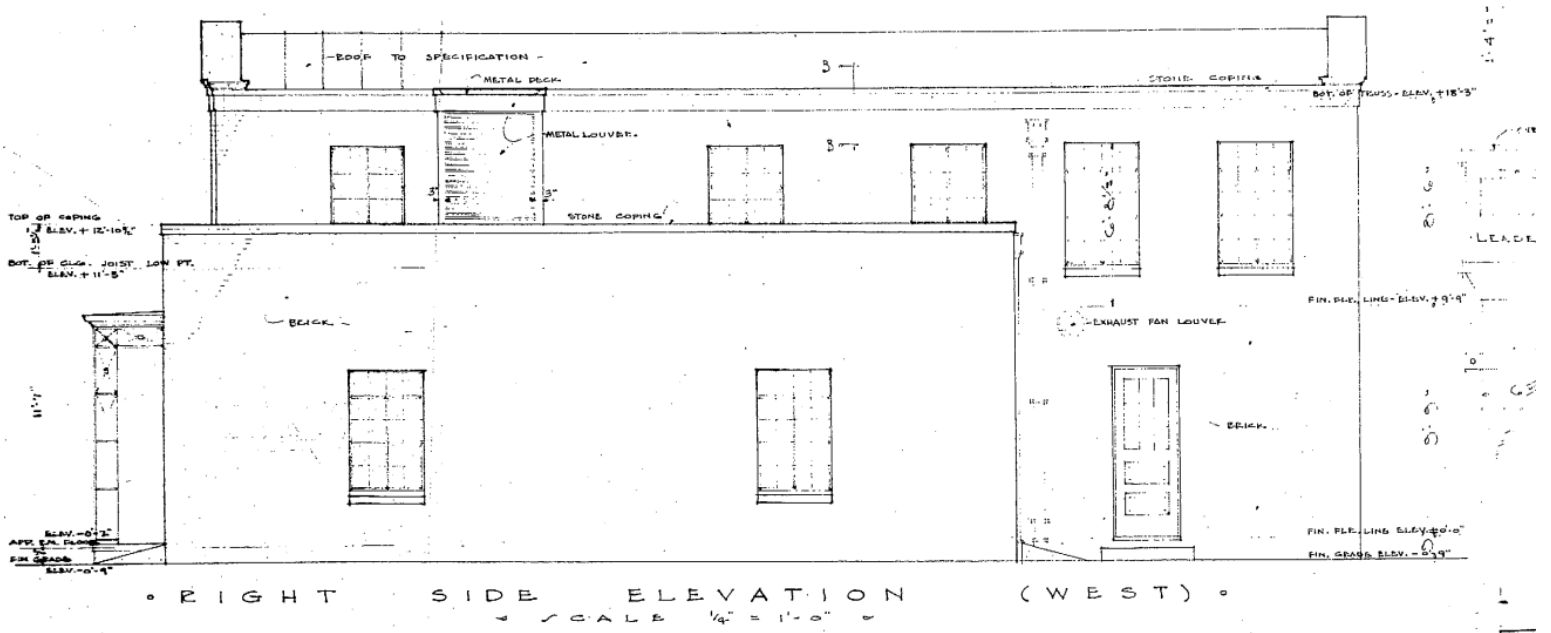


• R E A R E L E V A T I O N (S O U T H) •
• S C A L E 1/4" = 1'-0" •

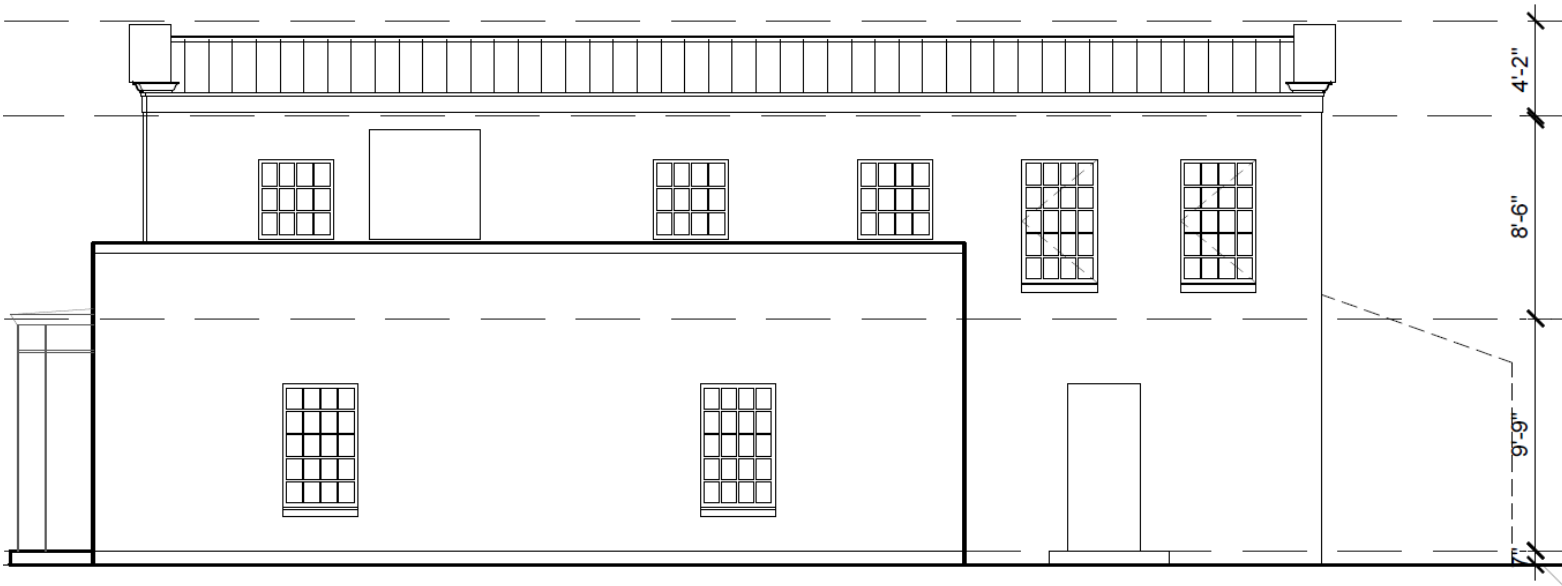
REAR ELEVATION (SOUTH) - PROPOSED



RIGHT SIDE ELEVATION (WEST) - HISTORIC

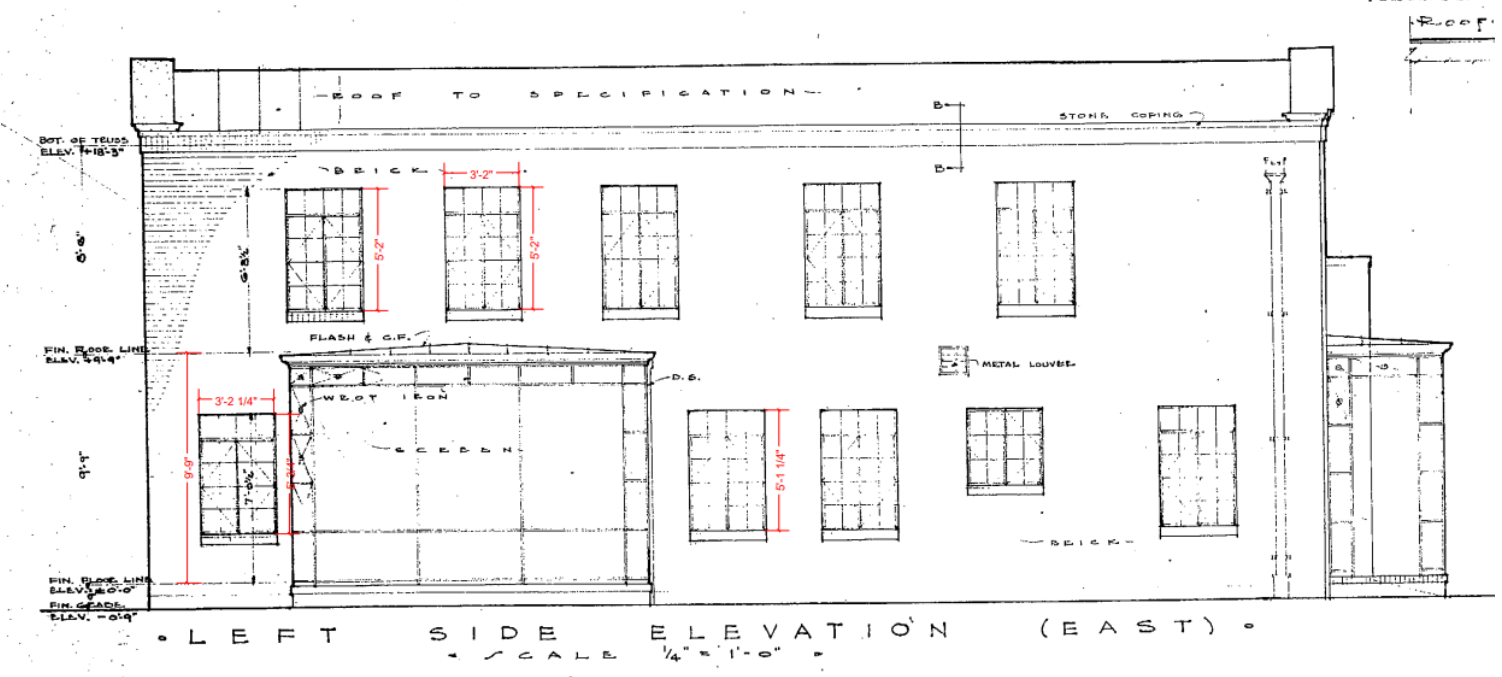


RIGHT SIDE ELEVATION (WEST) - PROPOSED

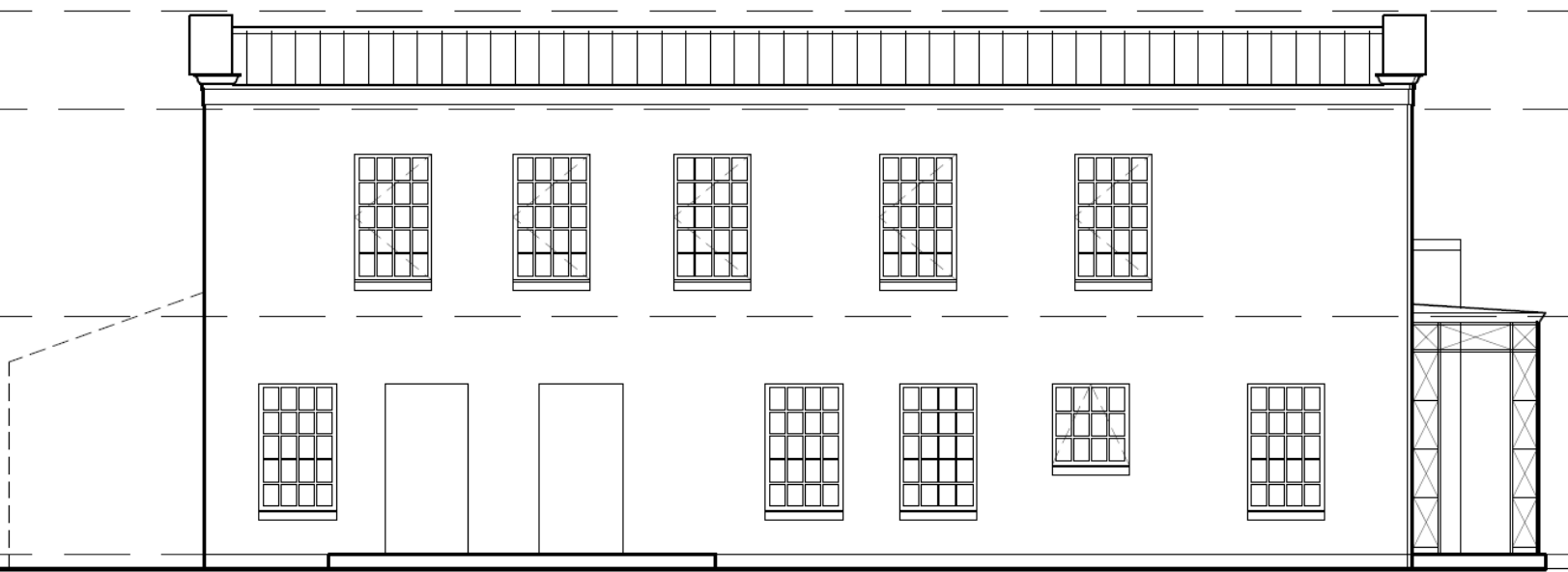


04 WEST ELEVATION - WDW & ROOF REPLACEMENT
3/16" = 1'-0"

LEFT SIDE ELEVATION (EAST) - HISTORIC

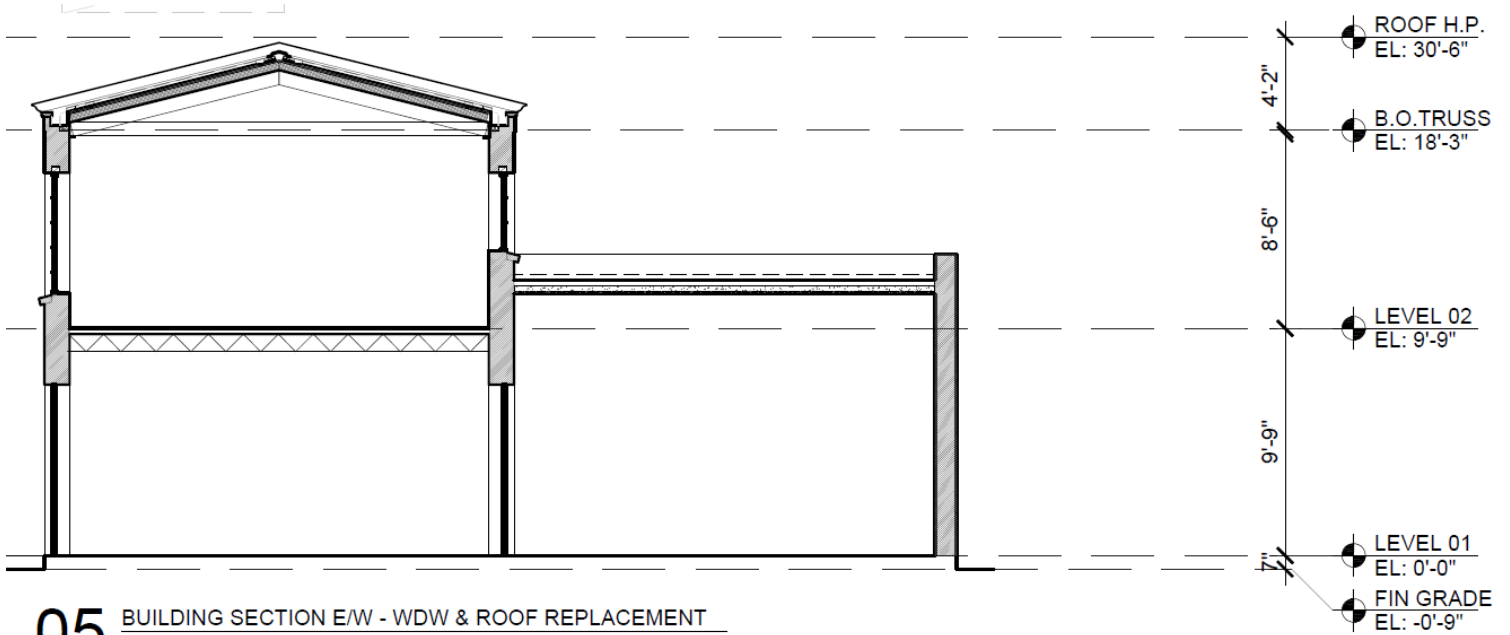


LEFT SIDE ELEVATION (EAST) - PROPOSED



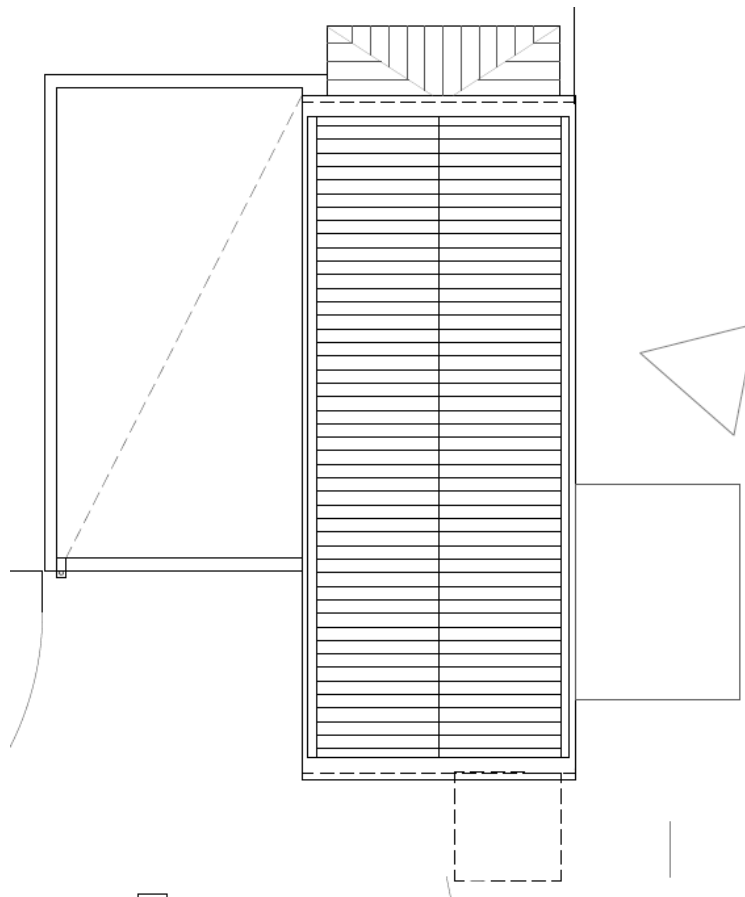
02 EAST ELEVATION - WDW & ROOF REPLACEMENT
3/16"=1'-0"

PROPOSED ROOF - CROSECTION



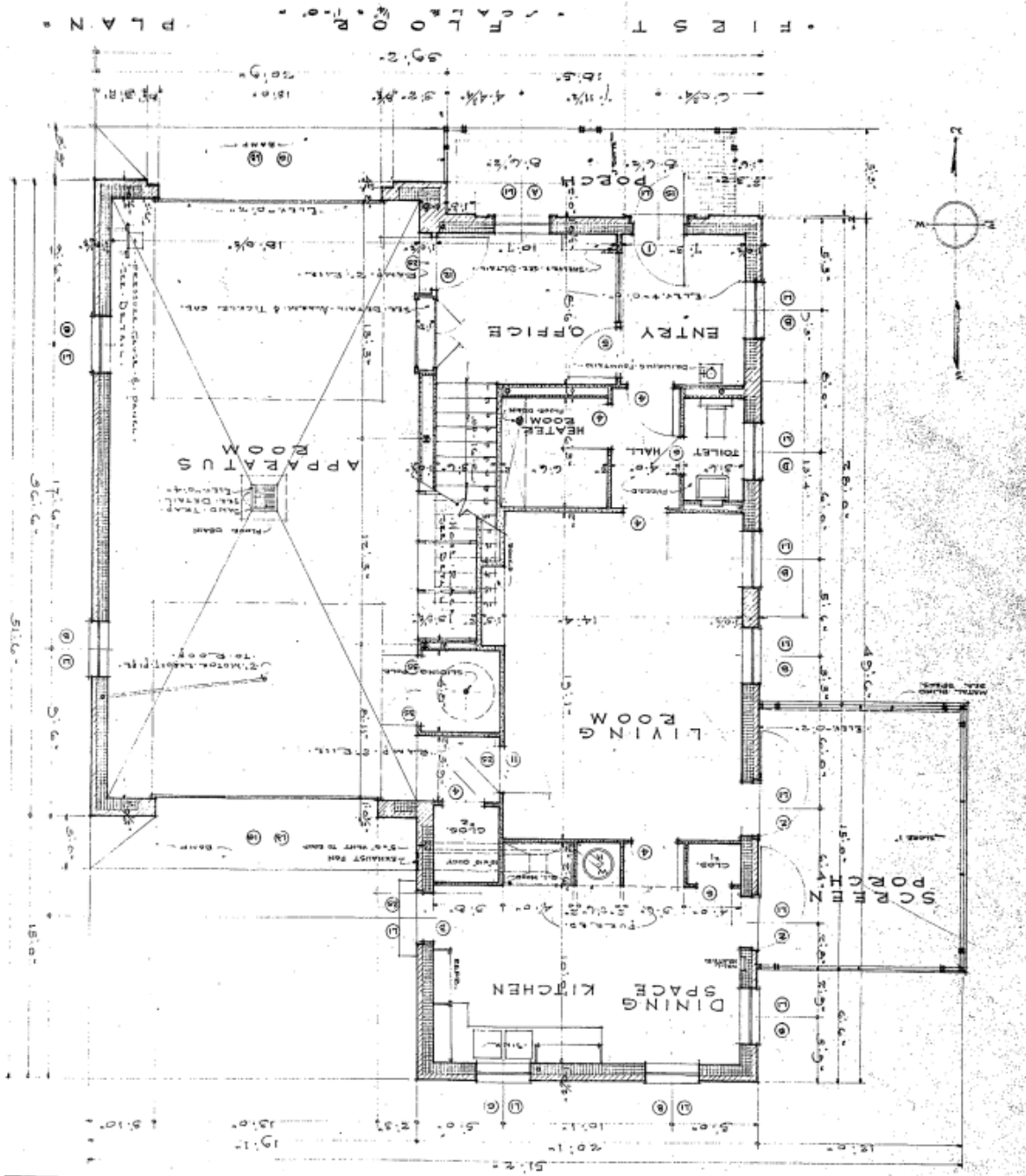
05 BUILDING SECTION E/W - WDW & ROOF REPLACEMENT
3/16"=1'-0"

*** ROOF PLAN - STANDING SEAM METAL ROOF**



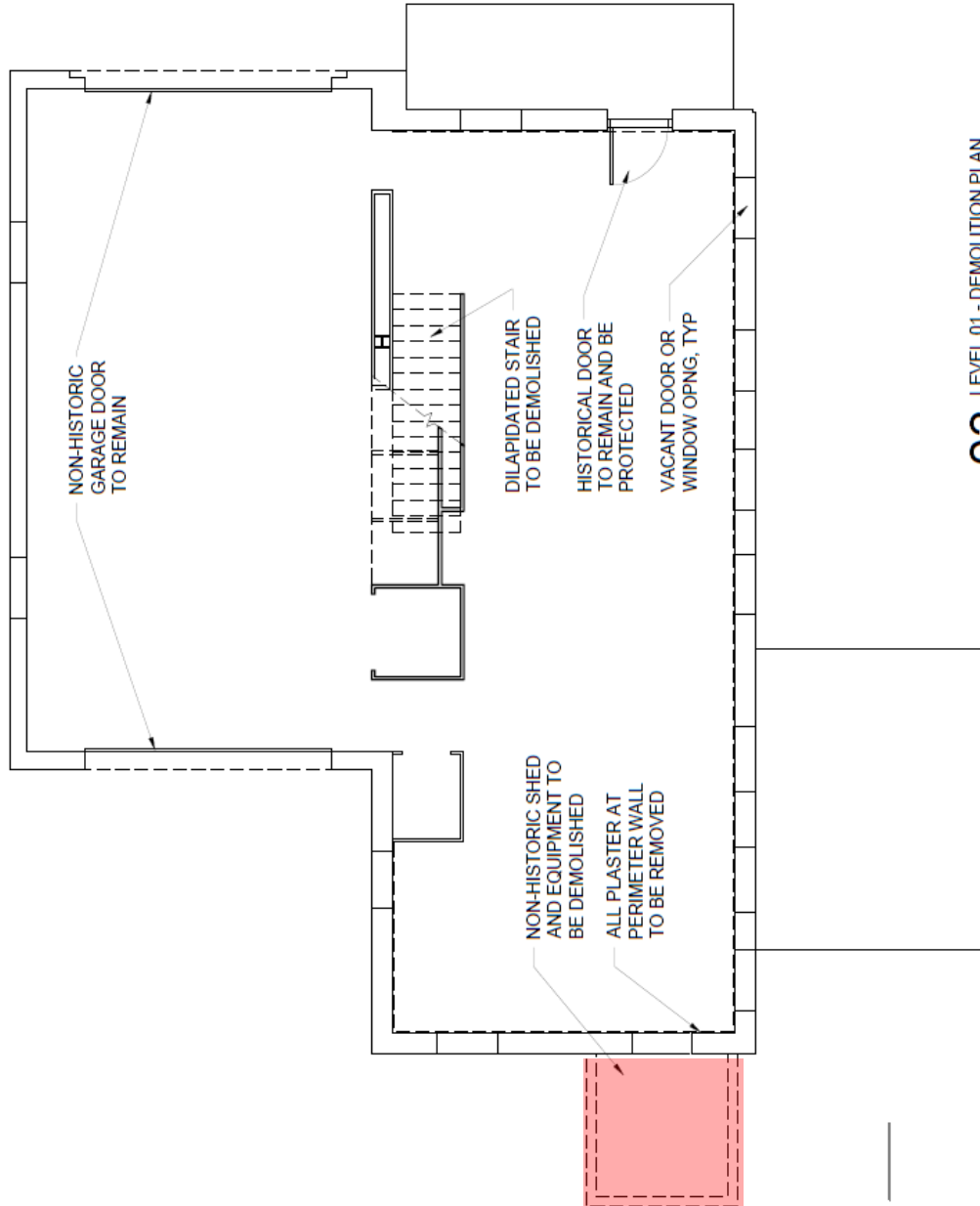


FIRST FLOOR- HISTORIC





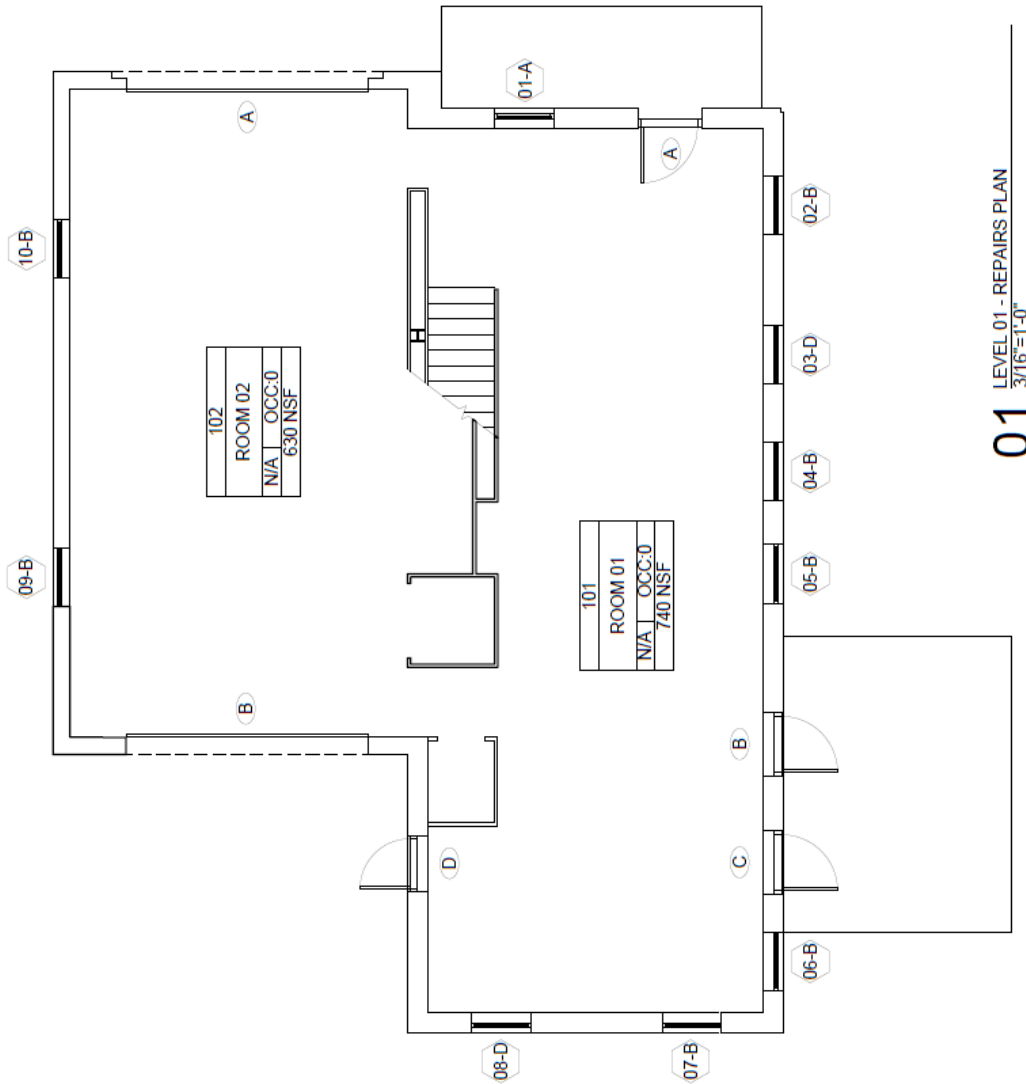
FIRST FLOOR- EXISTING/DEMO PLAN



03 LEVEL 01 - DEMOLITION PLAN
3/16"=1'-0"



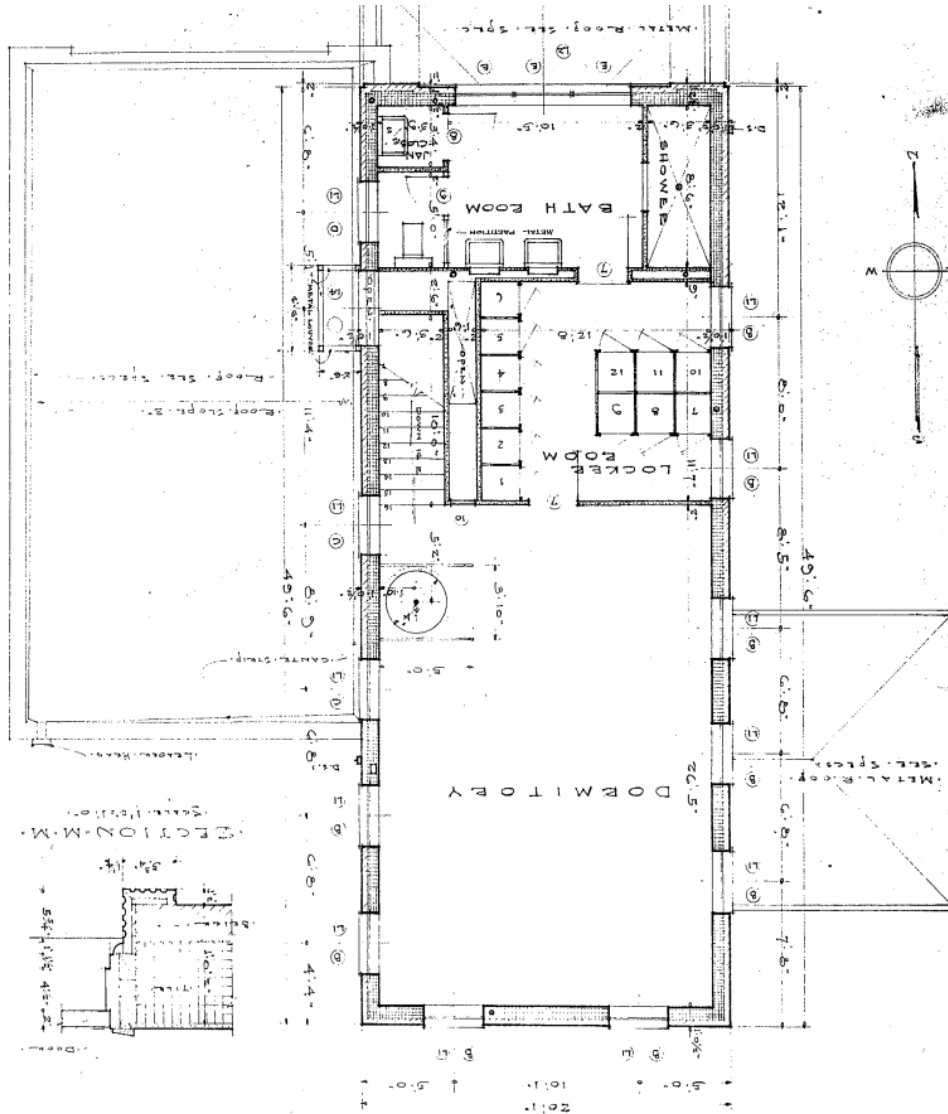
FIRST FLOOR- EXISTING/DEMO PLAN



01 LEVEL 01 - REPAIRS PLAN
3/16"=1'-0"

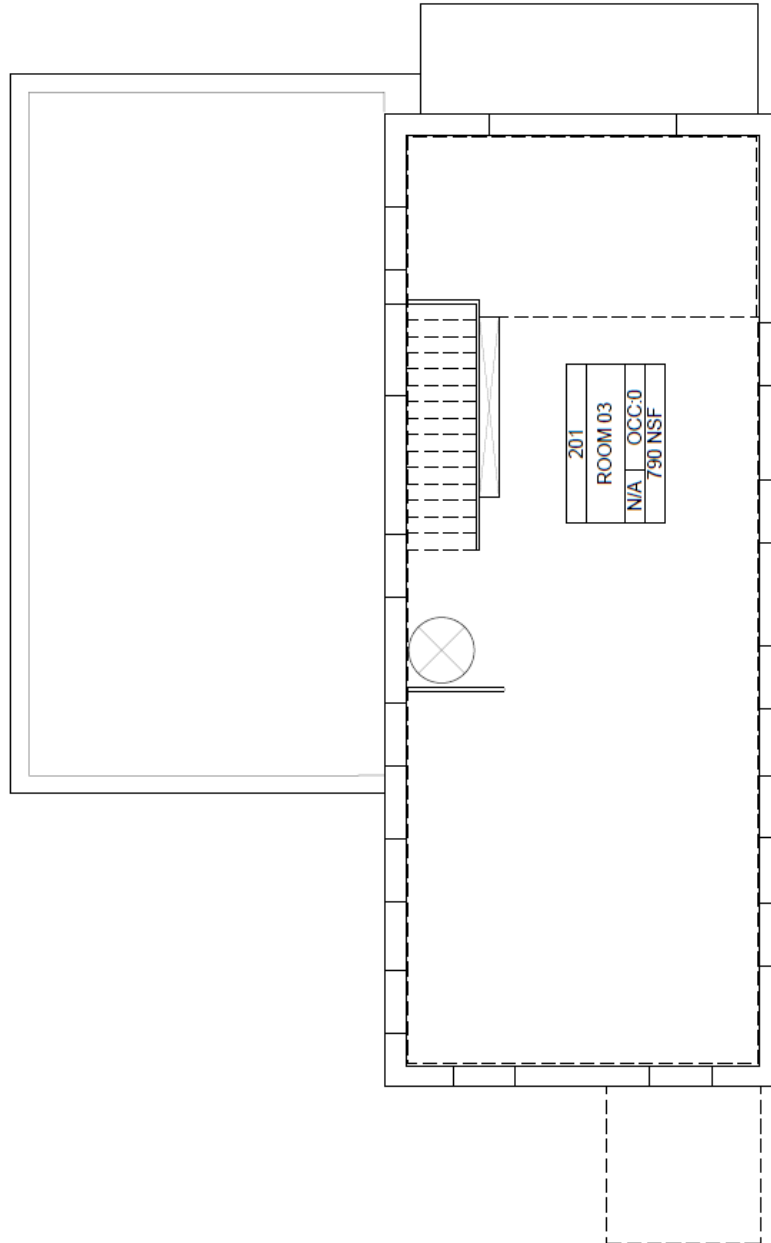


SECOND FLOOR – HISTORIC





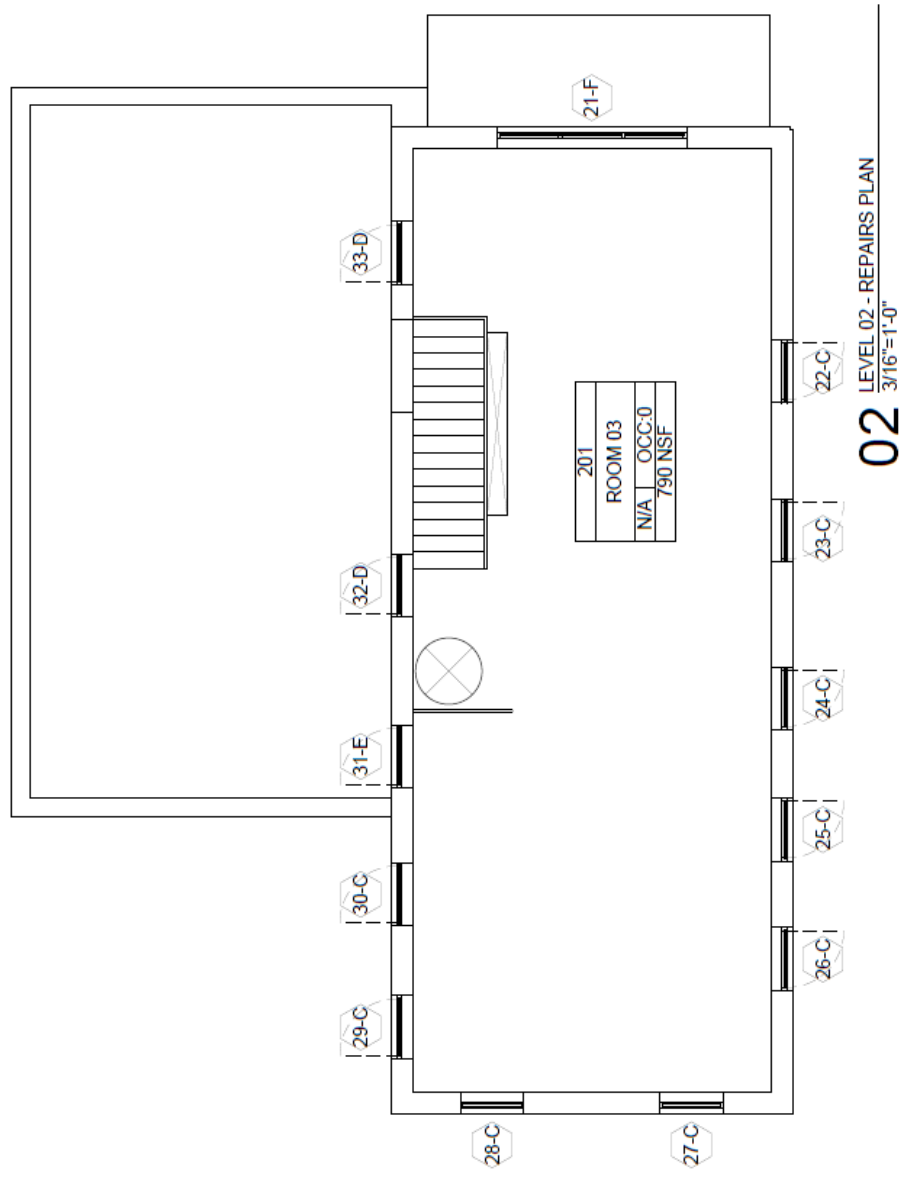
SECOND FLOOR- EXISTING/DEMO PLAN



04 LEVEL 02 - DEMOLITION PLAN
3/16"=1'-0"

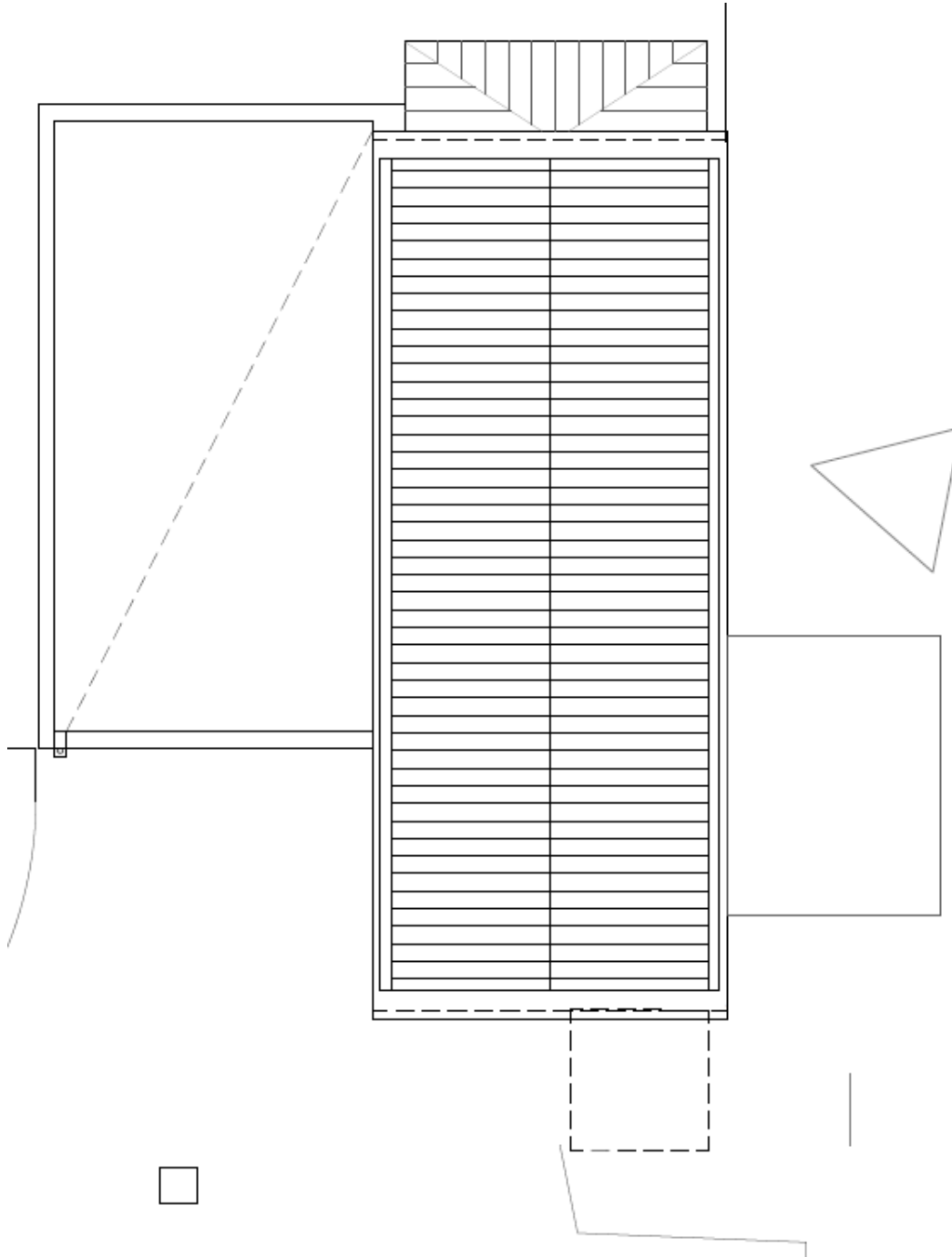


SECOND FLOOR- PROPOSED REPAIR/REPLACE

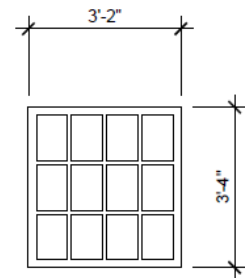
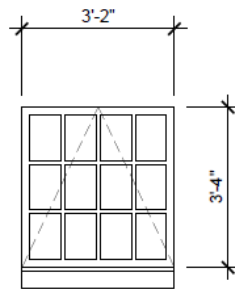
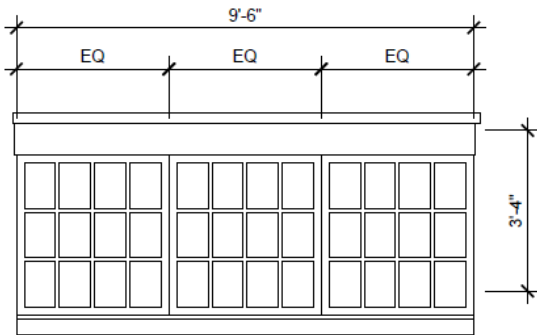




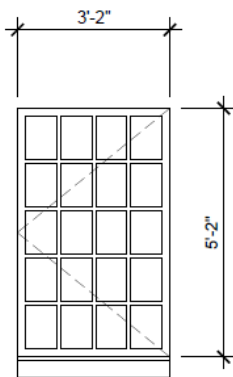
* ROOF PLAN – STANDING SEAM METAL ROOF



WINDOW REFERENCES

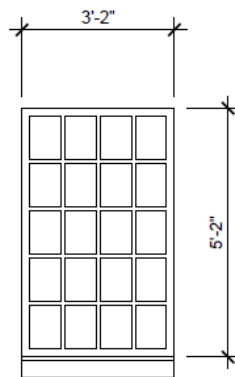


F FIXED WINDOW
SCALE: 1/2"=1'-0"



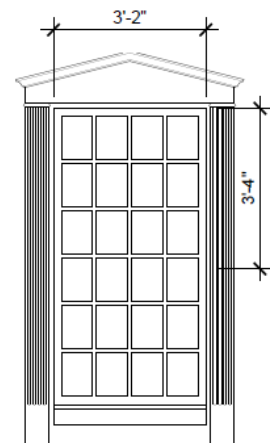
C OPERABLE WINDOW
SCALE: 1/2"=1'-0"

E OPERABLE WINDOW
SCALE: 1/2"=1'-0"



B FIXED WINDOW
SCALE: 1/2"=1'-0"

D FIXED WINDOW
SCALE: 1/2"=1'-0"



A FIXED WINDOW
SCALE: 1/2"=1'-0"

LEVEL 01
EL: 0'-0"

LEVEL 01
EL: 0'-0"




Series 6200
Historic Fixed Window System

WINDOW REFERENCES



ROOF MATERIAL

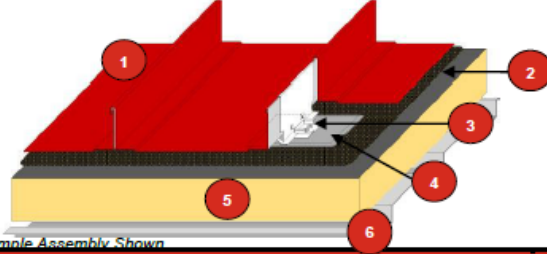


Firestone
Firestone Building Products

UNA-CLAD™ Roofing System

UC-6 Panel, Steel Deck

25 Year Red Shield™ &
30 Year Platinum
Warranty



1. Firestone UNA-CLAD UC-6 Panel
2. Firestone CLAD-GARD™ Underlayment
3. Firestone UC-6 Low-Float Clip
4. Firestone UC Bearing Plate
5. Firestone ISO 95+ GL™/ IOSGARD GL™ Insulation
6. Steel Deck

Sample Assembly Shown

Consult Firestone Technical Specifications, Guides and Details at www.firestonebpc.com

Slope Requirement
Minimum 3:12 slope is required for all Red Shield metal roof systems for warranty.

Construction Type
New construction, complete tear-off, or recover with any wet or damaged materials removed prior to installation. Solid substrate required.

Building Height Limitation
Firestone UNA-CLAD Metal Panel Roofing Systems are limited to buildings 250' (76.2 m) or less.

Other Requirements
As-built projects are not permitted or approved. Firestone requires a Pre-Installation Notice (PIN) 14 days prior to project installation. Install system per Firestone Technical Specifications. Only factory-formed UNA-CLAD panels are acceptable for Red Shield Warranties longer than 20 years.

Increased Wind Speed and Codes
Any additional wind speed coverage or codes must be reviewed by a Firestone Roof Systems Advisor.

Deck Requirement
 Minimum 22 Gauge Steel Deck

Insulation/ Coverboard Fastener Type

- Firestone All Purpose Fastener & Insulation Fastening Plate
- Firestone Heavy Duty Fastener & Insulation Fastening Plate
- Firestone HailGard™/ IOSGARD HG™ Fastener (with HailGard/ IOSGARD HG Composite Board, OSB or Plywood only)

Underlayment
25 Year Warranty:
 Firestone CLAD-GARD SA Underlayment
 Firestone CLAD-GARD R Underlayment
30 Year Warranty:
 Firestone CLAD-GARD SA Underlayment

Clip Requirement
 Firestone UC-6 Low-Float Clip, Stainless Steel
 Firestone UC-6 Super Clip, Stainless Steel

Bearing Plate
 UC Bearing Plate, Stainless Steel

Panel Type

Painted Steel	Zincalume® Plus
<input type="checkbox"/> 24 ga (0.6 mm)	<input type="checkbox"/> 24 ga (0.6 mm)
<input type="checkbox"/> 22 ga (0.79 mm)	<input type="checkbox"/> 22 ga (0.79 mm)
Painted Aluminum	Copper
<input type="checkbox"/> 0.032" (0.81 mm)	<input type="checkbox"/> 16 oz. (0.56 mm)
<input type="checkbox"/> 0.040" (1.02 mm)	<input type="checkbox"/> 20 oz. (0.69 mm)
Zinc	
<input type="checkbox"/> 22 ga (0.032") (0.8 mm)	
<input type="checkbox"/> 20 ga (0.040") (1.0 mm)	

Seaming Requirement
All seams are required to include factory applied in-seam sealant. All seams are required to be double-locked. Panels must be locked in the field by a mechanical seamer.

Trim & Flashing
Trims and flashings may be factory formed or field formed by the licensed Firestone applicator.

Insulation Fastener and Insulation Plate Attachment Rates – Insulation or Coverboard is Required Delayed installation of the roof panel system or for systems that are attached to coverboard.

Insulation	4' x 8'	Coverboard	4' x 8'
Flat Firestone ISO 95+ GL/ IOSGARD GL or RESISTA/ IOSGARD CG Insulation	16	Firestone ISOGARD HD Cover Board	16
Firestone HailGard/ IOSGARD HG Composite Board	16	Minimum ¼" SECUROCK® Gypsum-Fiber or DensDeck®(Prime)	16 (16)
Firestone ISOGARD HD Composite Board	16	Minimum ½" Plywood	16
		Minimum 7/16" OSB	16

Insulation Fastener and Insulation Plate Attachment Rates – Insulation or Coverboard is Required Immediate installation of the roof panel system, fastened through insulation and into the deck.

Insulation	4' x 8'	Coverboard	4' x 8'
Flat Firestone ISO 95+ GL/ IOSGARD GL or RESISTA/ IOSGARD CG Insulation	5	Firestone ISOGARD HD Cover Board	5
Firestone HailGard/ IOSGARD HG Composite Board	5	Minimum ¼" SECUROCK® Gypsum-Fiber or DensDeck®(Prime)	5 (5)
Firestone ISOGARD HD Composite Board	5	Minimum ½" Plywood	5
		Minimum 7/16" OSB	5

NOTE:

1. Only Firestone brand products are covered in a Red Shield Warranty. The Firestone Warranty does not cover products not supplied by Firestone Building Products. Products or problems associated with the use of non-Firestone supplied products are not covered under the Firestone Warranty.
2. Refer to the Firestone Technical Database at www.firestonebpc.com for additional information regarding UNA-CLAD standing seam roof systems and accessories
3. DensDeck is a registered trademark of Georgia-Pacific Gypsum LLC. SECUROCK is a registered trademark of USG Corporation.
4. It is the installing contractor's responsibility to follow applicable building codes and specifications.
5. For 25 Year Warranties, CLAD-GARD SA or R Underlayment must be used with double layer detailing at all eaves, rakes, ridges, hips, valleys, sidewalls, and around all penetrations on installations with slopes greater than 5:12. For 30 Year Warranties, CLAD-GARD SA Underlayment must be used with double layer detailing at these areas.
6. UC Bearing Plate required for clip attachment directly over Firestone ISO 95+ GL/ IOSGARD GL Insulation.
7. SECUROCK Gypsum-Fiber is allowed with CLAD-GARD SA, R and MA. SECUROCK Glass-Mat is only allowed with CLAD-GARDMA.

Firestone Building Products Company, LLC

QS-METAL-2011 Technical: 1-800-428-4511 • Sales: 1-800-428-4442 • www.firestonebpc.com

Rev. 4/9/2021



UNA-CLAD™ METAL COLOR SELECTION

Stone White	Bone White	Almond	Sandstone	Sierra Tan
Slate Gray	Aged Zinc*	Cityscape	Charcoal Gray	Matte Black
Mansard Brown	Burnished Slate**	Medium Bronze	Dark Bronze	Extra Dark Bronze
Brandywine	Regal Red	Colonial Red	Terra Cotta	Hartford Green
Award Blue**	Regal Blue	Sky Blue	Electric Blue**	Teal
Sherwood Green	Dark Ivy	Patina Green	Helmlock Green	Tropical Patina
Vintage**	Silver Metallic**	Classic Copper**	Champagne Metallic**	

Colors shown are as close to actual painted steel as allowed by the printing process.
 For finish warranty information and actual metal samples, please contact your local Sales Rep.
 SRI numbers available by request.
 * - Denotes premium color.
 ** - Due to the unique nature of the product, color may vary slightly from batch to batch.
 Batches should not be mixed on projects.

Item #1185

Firestone
 firestonebpc.com



TECHNICAL INFORMATION SHEET

UNA-CLAD™ UC-6

- Quality, long-life butyl sealants work best as a gasket sandwiched between two pieces of metal. Non-acetic cured silicone color matching sealants are recommended when voids must be filled. Sealants are not a substitute for proper assembly and workmanship.
- Exercise caution when lifting, moving, transporting, storing or handling Firestone metal to avoid possible physical damage.
- Refer to Safety Data Sheets (SDS) for safety information.
- Immediately remove protective film after installation.

Manufacturing Location:
Anoka, MN



Product Data

Tapered Panels	No
Radius Panels	Yes 8' (2.4 m) minimum, Convex Only
Stiffening Ribs	Optional
Striations	Optional
Sealant	Optional In-Seam, Thermally Applied
Standard Panel Surface	Smooth
Optional Panel Surface	Stucco Embossed 26 ga (0.48 mm), 24 ga (0.64 mm) & 22 ga (0.64 mm) Steel, 0.032" (0.81 mm) Aluminum
Clip	UC-6 Low-Float Clip, UC-6 Super Clip & UC-6 Fixed Clip

Product Size

Panel Width	8" (203.2 mm) – 24" (609.6 mm)
Optimal Panel Width	18" (457.2 mm)
Seam Height	2" (50.8 mm)
Minimum Panel Length	36" (914.4 mm)
Maximum Panel Length	600" (15.24 m)

Technical Information

Up lift Resistance	UL 580 Class 90
Air Infiltration	ASTM E 1680
Uniform Static Air Pressure	ASTM E 1592
Water Penetration	ASTM E 1646 & E2140
Fire Rating	UL Class A Rated Assemblies, UL 263 and UL 790
Hail Impact Rating	Class 4, UL 2218
Miami-Dade County & Florida Building Code	Approved

NOTE: Testing is not applicable for all combinations of substrates, materials, and dimensions. All construction assemblies must be installed in accordance with the tested assembly. Please refer to the Metal Tested Assembly Guide on the Firestone website for tested assemblies and code listings.

Please contact your Building Systems Advisor for warranty requirements and additional information.



Firestone Building Products

TECHNICAL INFORMATION SHEET

UNA-CLAD™ UC-6

Typical Properties

Material and Thickness	Metal Specification	Available Finishes
Aluminum	Base Metal: Aluminum	Anodized
0.032" (0.81 mm) 0.040" (1.016 mm)	Minimum Yield: 21 KSI (145 MPa) Thermal Expansion: 12.6×10^{-6} in/in/ °F ($22.2 \text{ m/mK} \times 10^{-6}$) Mod. Of Elasticity: 10.0×10^3 x ksi (68.9 MPa)	Kynar 500®/Hylar 5000® Unpainted/Mill Finish
Galvanized Steel	Base Metal: AISI-G90 Galvanized steel	Kynar 500®/Hylar 5000® Unpainted G90
26 ga (0.48 mm) 24 ga (0.64 mm) 22 ga (0.79 mm)	Minimum Yield: 33 to 45 KSI (227 to 310 MPa) Thermal Expansion: 06.7×10^{-6} in/in/ °F ($13.9 \text{ m/mK} \times 10^{-6}$) Mod. Of Elasticity: 29.0×10^6 x ksi (200 GPa)	
Galvalume® Steel	Base Metal: AZ-55 Hot Dipped Galvalume	Zincalume® Plus – Clear Acrylic Coated Kynar 500®/Hylar 5000®
26 ga (0.48 mm) 24 ga (0.64 mm) 22 ga (0.79 mm)	Minimum Yield: 50 KSI (345 MPa) Thermal Expansion: 06.7×10^{-6} in/in/ °F ($13.9 \text{ m/mK} \times 10^{-6}$) Mod. Of Elasticity: 29.0×10^6 x ksi (200 GPa)	
Copper	AGSC minimum copper content of 99.9% copper, silver counting as copper, cold rolled from ingots of 122 alloy.	Natural
16 oz (0.56 mm) 20 oz (0.69 mm)	Thermal Expansion: 9.3×10^{-6} in/in/ °F ($16.5 \text{ m/mK} \times 10^{-6}$) AGSC copper meets and/ or exceeds ASTM B370 specification.	
Zinc	RHEINZINK®: Electrolytic high-grade, 99.9% pure, fine zinc (DIN EN 1179) titanium copper alloy. Certified according to DIN ISO 9001: 1994	Shiny Pre-weathered Blue-Gray Pre-weathered Graphite Gray
24 ga (0.7 mm) 22 ga (0.8 mm)	Thermal Expansion: $2.2 \text{ mm/m} \times 100\text{K}$ ($16.5" \times 10^{-6}$ in/in/ °F)	

NOTE: For standard color selection, consult the current UNA-CLAD Color Selection Guide. Custom color services are available upon request. Consult the current base metal Sheet & Coil TIS for additional information on the base metal and coating. Not all materials and thicknesses are available from all locations.