

5.27.2026

# McGilvra Elementary School

## Historic Wood Window Refurbishment & Glazing Replacement

Seattle Public Schools

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Seattle Department of Neighborhoods  
Historic Preservation & Landmarks

## BREIF AGENDA

- 1.0 \_ Project Narrative and Proposed Modifications
- 2.0 \_ Scope of Work/ features to be Modified
- 3.0 \_ Survey of Existing Conditions and Condition Photos
- 4.0 \_ Product



## 1.1 Project Narrative

McGilvra Elementary School's main building was built in 1913. It was part of a \$675,000 bond approved by Seattle voters in 1912 to construct four new fireproof school buildings. Edgar Blair designed a masonry, nine-classroom, three-story school to be replicated and located at the following locations: McGilvra Elementary School (1913), McDonald Elementary (1914), and Concord Elementary (1915). The 1913 masonry building replaced the wood-framed Lake School building. The original Lake School building was constructed in 1899 on land the city acquired from John McGilvra. This site is located in the historic Madison neighborhood, developed by John McGilvra, North of Madison Street, just east of the Bradmoore Golf Course, occupying the entire block.

In 1940, a masonry, one-story classroom wing, designed by Naramore & Brady, was added to the north side of the 1913 main building, increasing the school capacity to 400.

In 1972, the gymnasium and outdoor covered playcourt designed by Huggard and Associates was constructed behind the main school building in the vacated 37th Ave East right of way. It was considered to be the most modern in the district at the time.

McGilvra Elementary School was designated as a landmark on October 15, 2014, including the 1913 main building and 1940 addition exterior and interior: the corridors, stairways, and classrooms. Also, including the site or property where the school is located.

The 1913 building is a simplified Beaux-Art style. The 1913 building is a symmetrical, three-story, rectangular box with exterior walls of red and buff brick on a cement base with limited terra cotta detail, a prominent, pitched, hipped roof marked by a sheet copper boxed cornice and block modillions. The front elevation is symmetrically composed of five unequal bays of slightly recessed window panels defining brick piers, and a traditional tripartite vertical arrangement of base (first floor), middle (second floor and third floor), and top (roof) with prominent horizontal terracotta bands separating the first and second floors. Bands of buff brick at the cornice line, window headers, and sills act as a contrast to the field of red brick. The front entry is embellished by an ornate, partially enclosed, brick and terracotta flat roof projecting porch, enclosing stairs that lead up to the main entrance on the second floor. The front porch is embellished with a terracotta band with the name J.J McGilvra School in it, additional terracotta bands, parapet coping, and a keystone and swag motif at the entry.

The windows are clustered into groups of two, three, or five, separated by narrow masonry piers. Windows on the second and third floors are wood sash 9'3"x5' wide, elongated proportion, and arranged in a three-over-three light configuration, while first-floor windows are 7'6" in height



# McGilvra Elementary-Historic Wood Window Refurbishment & Glazing Replacement

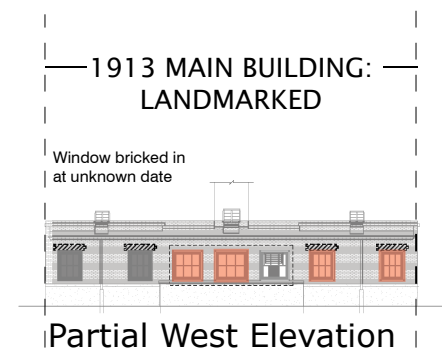
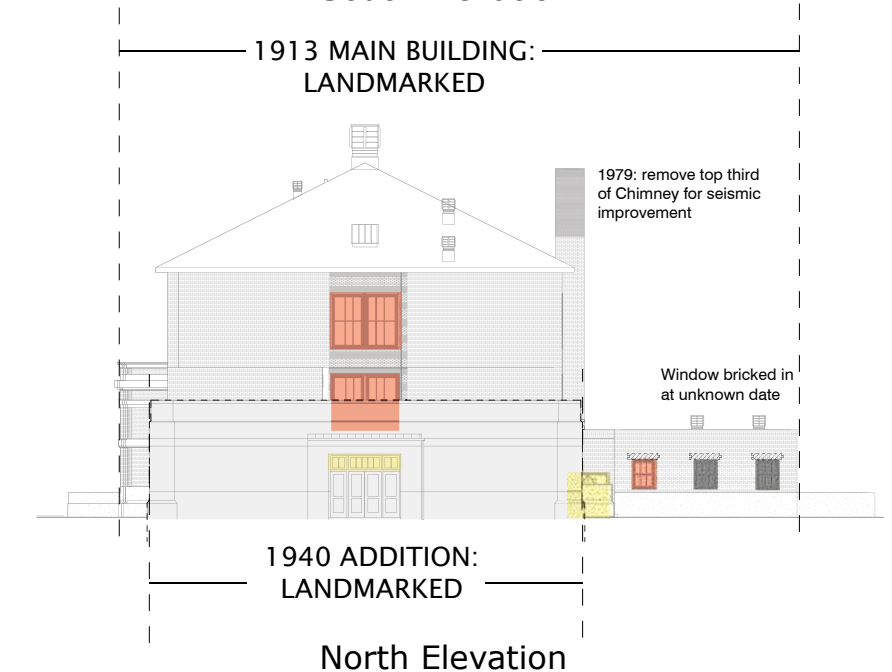
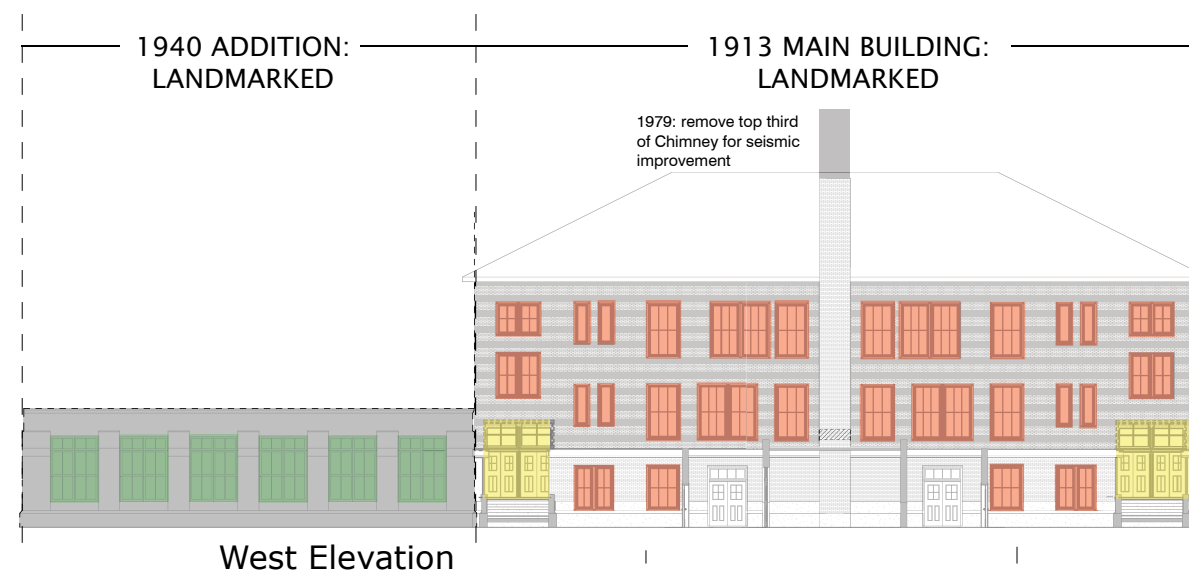
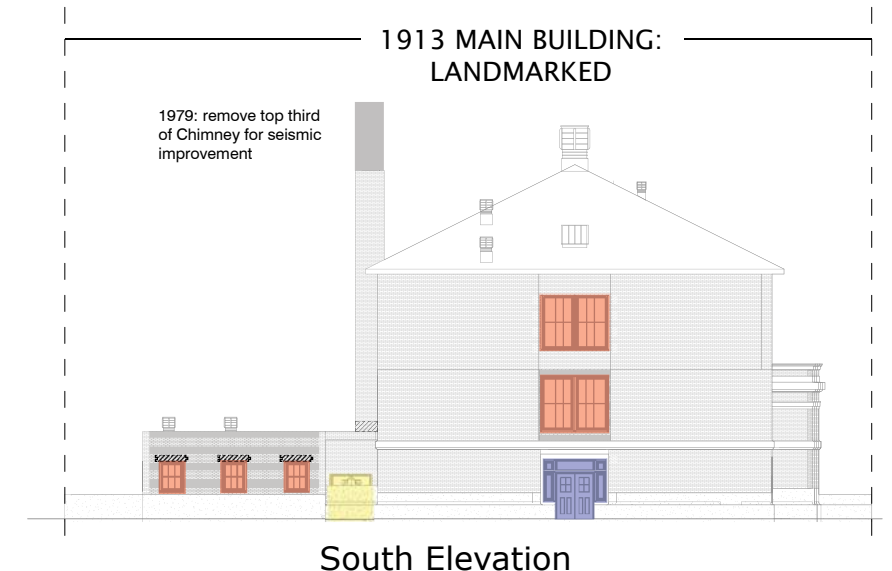
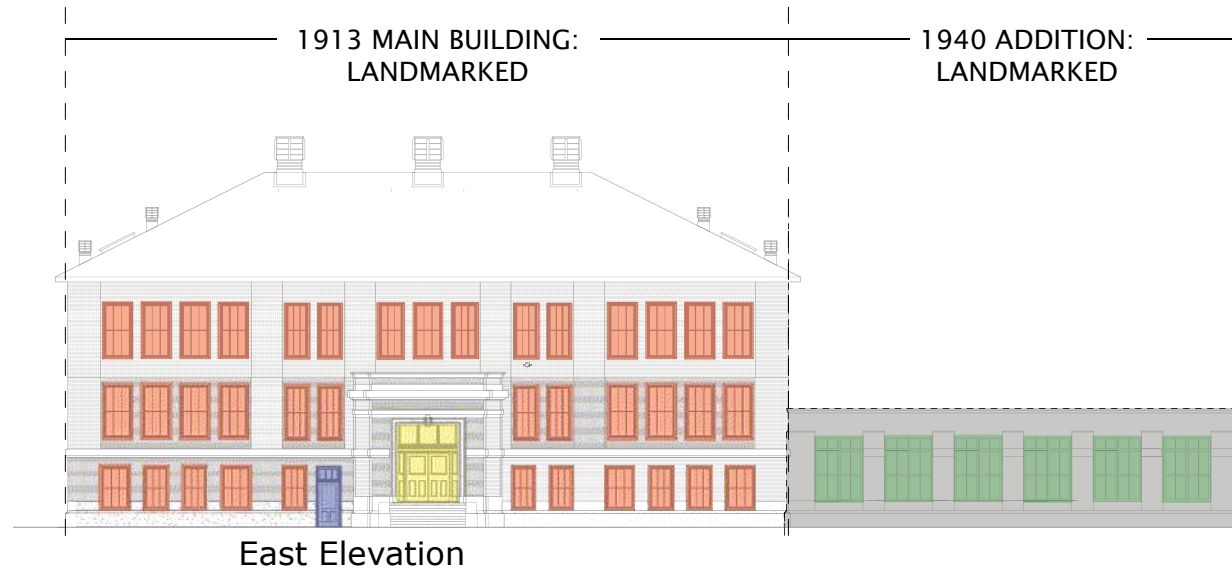
Side elevations are expanses of brick with prominent central windows composed of two ganged windows arranged in the center, lighting the central corridor for each floor. On the first floor are double doors with side lights and a transom.

The rear elevation incorporates the same window types and sizes as the front, along with two building exits with concrete stairs at half-level, located at the North and South ends. Above the steps are mid-floor windows, which light the upper stair landing. At the rear is also a projecting one-story, flat-roofed building containing the boiler room and two large restrooms for boys and girls, with dark buff brick on a stucco-finished concrete base with terracotta coping at the parapet. The three visible elevations of the wing have utilitarian fenestration with wood sash in a three-over-three double-hung configuration. A square chimney stack from the boiler room is centered on the rear elevation of the main building.

The 1940 addition, height corresponds to the mid-level height of the second floor of the 1913 building. The exterior is red, and buff brick resting on a dash coat finished concrete base with an 18-inch decorative terracotta band and 6-inch terracotta coping at the parapet. The east and west elevations are arranged into six equal window bays, separated by slightly projecting truncated brick wall piers along with a modulating concrete base. The windows in the bays are wood sash, 7 ft 6 inches wide and 10ft 9 inches tall, divided by a heavy vertical center mullion, and a heavy horizontal mullion dividing the upper third from the lower two-thirds. The portion of the window assembly below the horizontal mullions consists of two operable two-over-two single-hung sashes. Above the mullions are two fixed, two-light sashes. The windows are protected with wire grilles. The north elevation of the 1940 addition is windowless with a building entrance with a projecting masonry surround.

The Interior of the 1913 building was originally designed with four classrooms on a double-loaded corridor, two small restrooms, a teacher's room, and the principal's office on the Second (main) floor. Four classrooms are organized around the double-loaded corridor, with a domestic science classroom at the center, and two small restrooms and stairwells at the end of the corridor. The ground floor had boys' and girls' separate playrooms, a meeting room, a manual training room, storage, and a fan room at the center, along with two large restrooms and a boiler room in a separate but attached one-story wing.

The 1940 one-story classroom wing addition on the north side included four identically sized rooms along a double-loaded corridor, serving as three classrooms and a library.



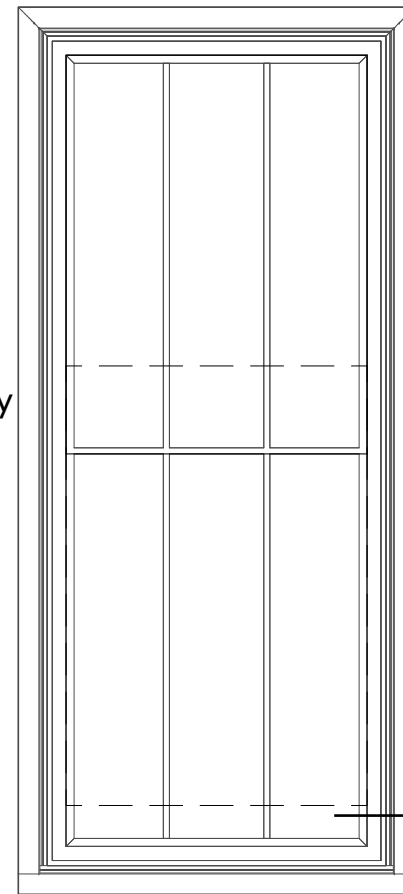


## 2.0\_Scope of Work

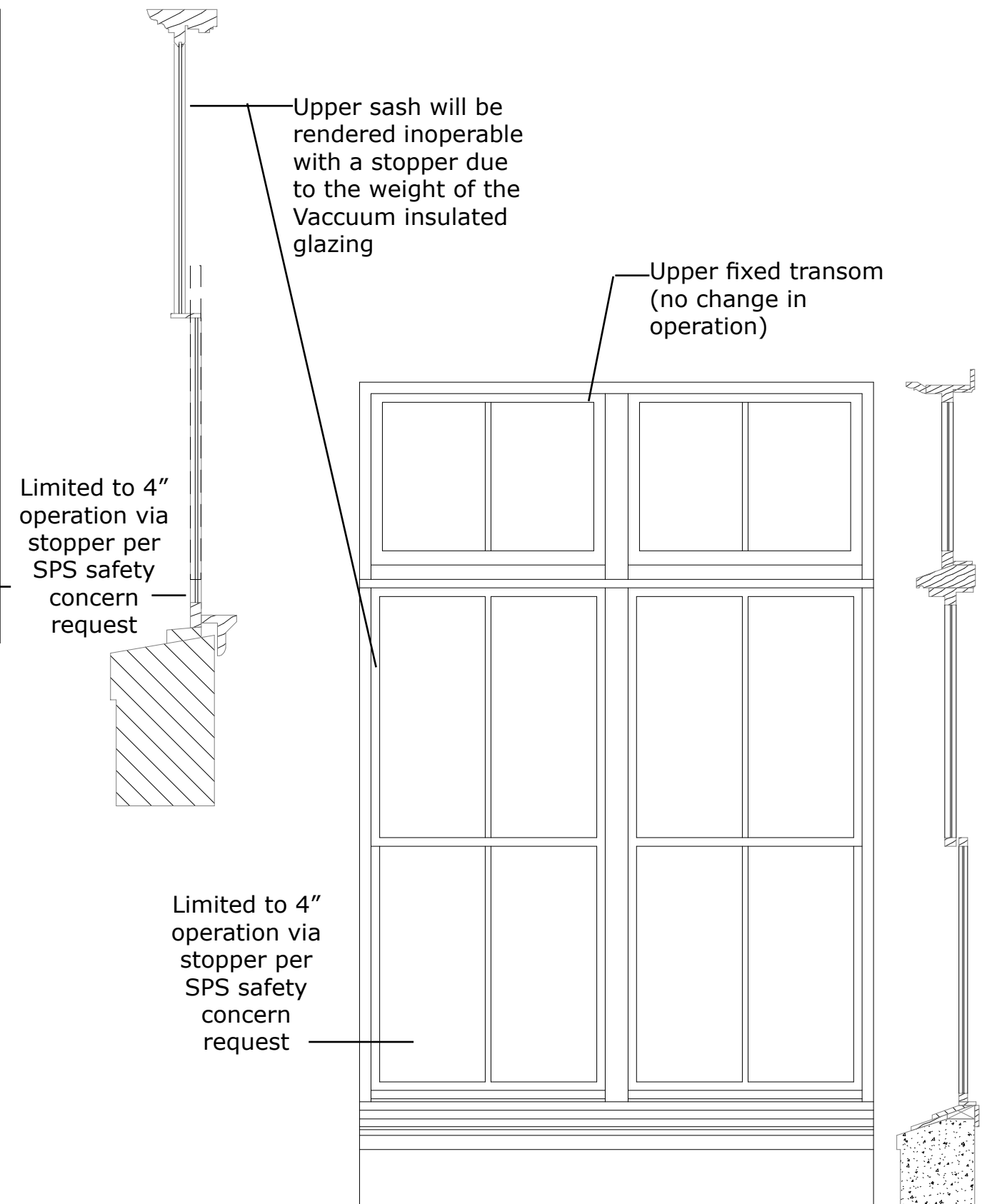
**Proposed Scope of work Include:**

1. Removal of sashes consistent with a developed site specific safety program.
2. The opening would have temporary painted OSB protection with 6 mil reinforced white plastic
3. The frame component trim/ casing pieces and non-historic elements would be removed if necessary, catalogued and documented for future reinstallation or disposal and replacement as appropriate.
4. The window frame would be treated in the field. The frames restoration consists of the following and covers from the exterior joint sealant to the interior sash slop of the bottom sash. All materials would be treated with "Board Defense" solution and have repairs made with the "Wood Care" epoxy repair system which includes "Rotfix" and "Sculptwood". The window subsill would be epoxy repaired if appropriate or replaced as required with clear vertical grained lumber miled to match original historic profiles.
5. As needed, new historic matched window components will be built and finished to match the original material in species, dimension, profile, and style of manufacture.
6. The sashes would be thoroughly inspected and have selective areas of paint shipped to accommodate repairs. All materials would be treated with Board defense solution and have repairs made with "Wood Care" epoxy repair system which includes "Rotfix and Sculptwood". The sashes would then be feather sanded prepped and primed.
7. New glass consisting of 5/16 inch (8mm) thick LuxWall vacuum sealed insulated glazing consisting of the following:
  - Outdoor Lite: Cardinal Clear Glass with LowE 270 on glass face 2
  - Indoor Lite: Cardinal Clear Glass
8. The sashes weatherstrip would be inspected and repaired or replaced
9. All Broken hardware that can be replaced would be replaced and refurbished. Broken or missing hardware would be replaced with either a solid cast, available product that is a match
10. Finish paint and interior finish would be installed to sashes
11. Joint sealant would be installed at perimeter of frame and trim.
12. Final paint would be installed to frames
13. All sashes would be returned to the site and installed in the prepared openings. Note: The understanding is that the upper double hung sash would be rendered inoperable due to weight of the Vacuum Insulated Glazing unit.
14. The lower double hung operable sash will be limited to 4 inch operation via a stopper per Seattle Public School request due to safety concerns
15. All touch-up and final adjustment would be made on site.

**Note: Other than potential replacement of deteriorated wood components and paint, the intent is to perform refurbishment rather than modification or replacement of historic elements and allow the work performed to be reversable.**

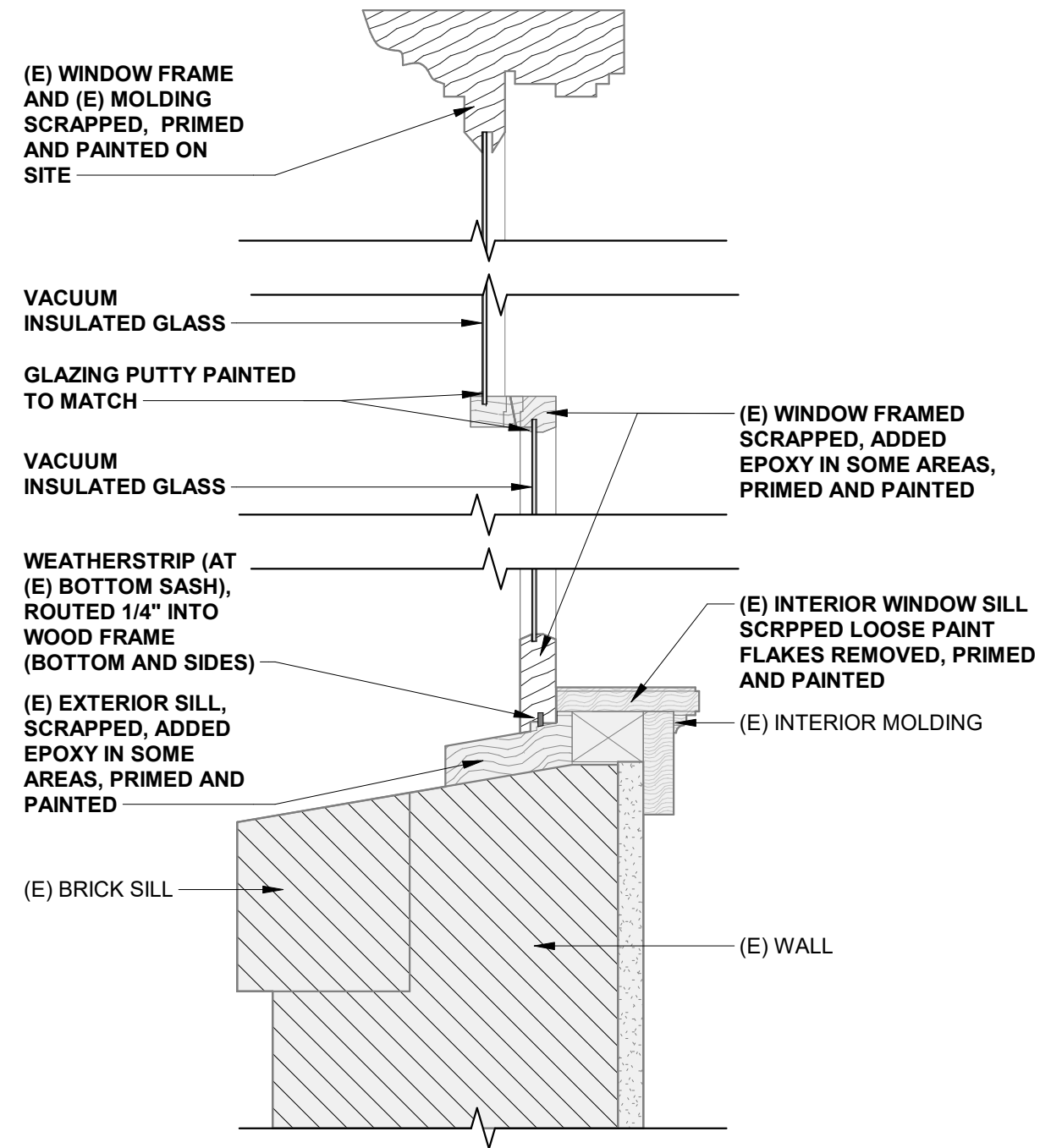
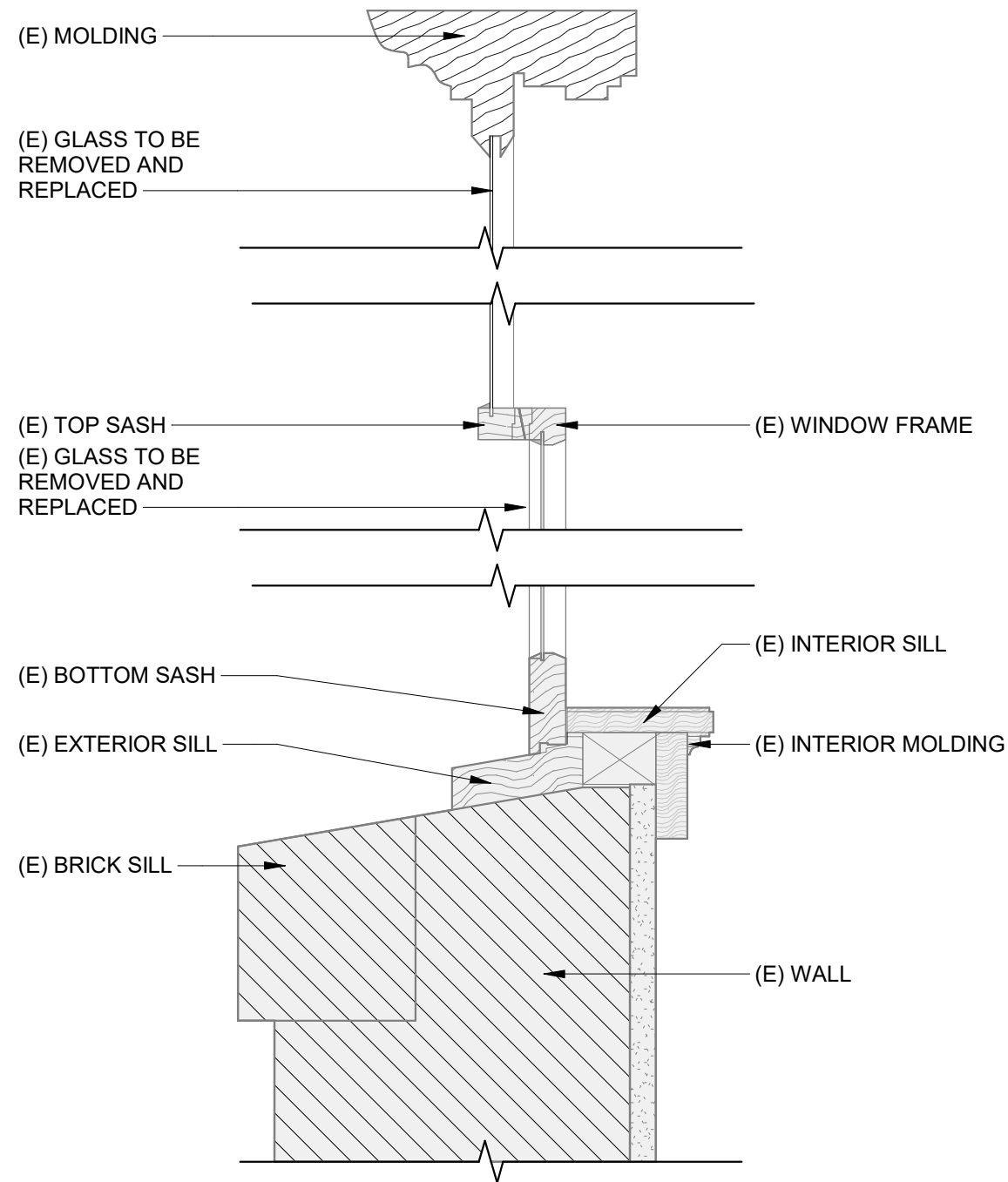


1913 WINDOW



1940 WINDOW

# 2.1\_Detail



### 3.0\_Condition Survey

**ELEVATION-OVERALL NOTES:**

Based on the landmark report, the wood windows were repaired and refurbished in 2008. The windows on the second and third floors are generally in good condition, with some damage/ weathering observed on the sills due to its skyward facing nature. The ground floor windows are covered with protective, expanded, steel mesh, causing leaves and debris to fill the window casing cavity, retaining water, resulting in the wood sill and vertical elements adjacent to the sill being damaged.

The 1940 wood windows have more damage due to the protective steel mesh, fastening to the vertical jamb.

The South double doors from the playfield are falling apart with cracks in the panels with daylight coming through.



East Elevation



South Elevation

**\*GENERAL NOTES\***

- Non historic, protective, expanded steel mesh currently installed on ground floor windows collect organic debris and has increased deterioration at attachment points, sills and lower sashes.
- All windows are single-paned and fall beneath current energy code requirements and accoustical standards.

**COMPLETELY FAILING COMPONENTS**

Damaged wood/ Complete Paint Failure, i.e. current condition will not accept paint repairs; Significant Wood deterioration or damage. Fenestrations with a significant amount of wood components that cannot be repaired by any means short of full wood component replacement.

**EXTENSIVE DAMAGE**

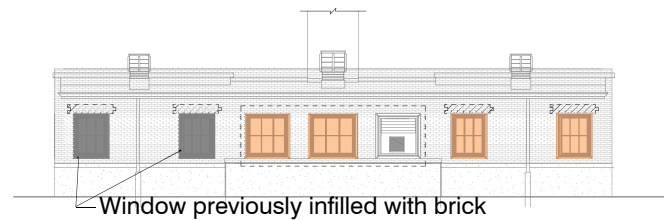
Areas of Paint Failure, i.e. current condition will accept paint repairs; Extensive Wood deterioration. Fenestrations with a significant amount of wood components that have extensive rot at least 1/4 inch deep or greater, black water staining, and other wood damage. Some bottom rails and Vertical muntins may require epoxy repairs.

**MODERATE DAMAGE**

Areas of Paint Failure, i.e. current condition will accept paint repairs; Heavy to Moderate Wood Deterioration in spot locations. Fenestrations with some damage components, age related deterioration, and or failing paint coatings, spot locations of rotted wood, but without any wood components that likely require replacement.

**MINOR DAMAGE**

Paint is intact/ recently refurbished. Minor Damage. Fenestrations with intact paint and some minor damage in spot locations. These windows have been repaired or refurbished within the last 15 years



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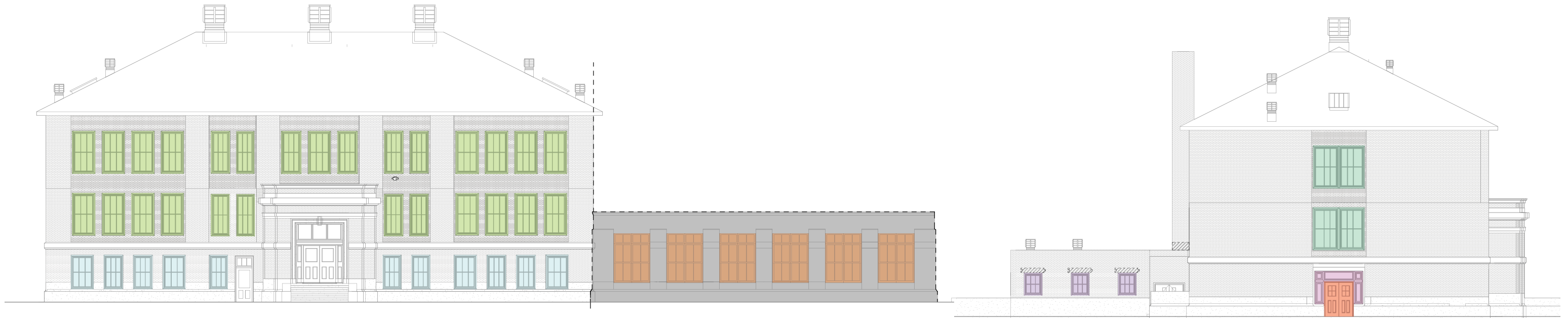
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### 3.1\_Window Types/ Condition Photos



W1.1

Level 1  
Double hung windows with protective expanded steel mesh at 1913 Building



W2.1

Level 2-3  
Double hung windows at Classrooms



W1.2

1940 Level 1  
Two operable, two over two single-hung with two, fixed two-light sash with wire grilles



W2.2

Level 2-3  
Double, Double hung windows at corridor



D1

Level 1  
Double Wood Door with half lite, relites and transom.



W1.3

Level 1  
Boiler Room and Restroom Double Hung windows with wire grilles

# McGilvra Elementary-Historic Wood Window Refurbishment & Glazing Replacement

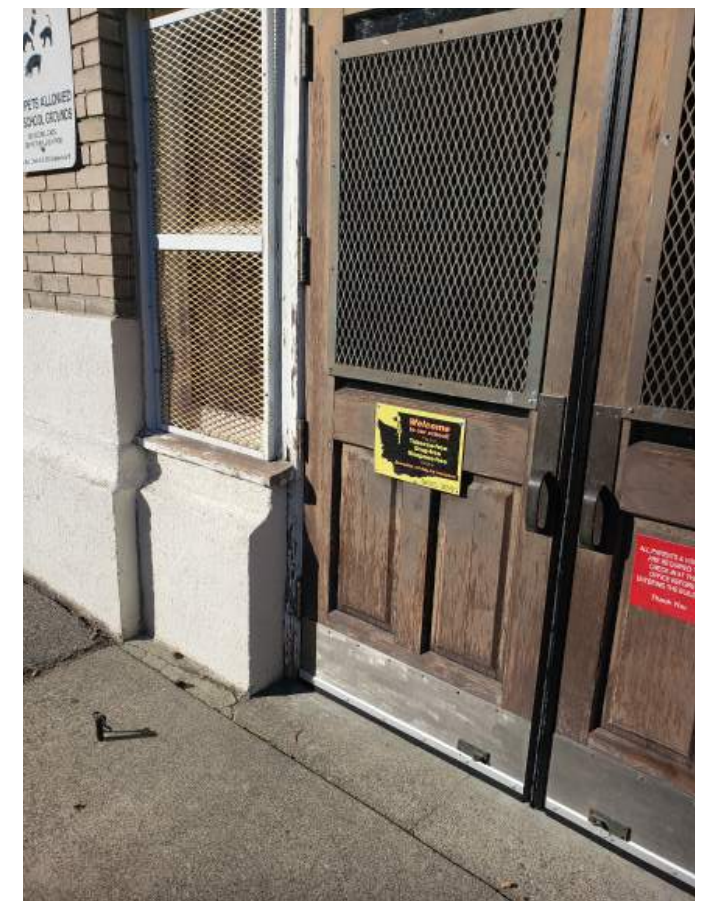
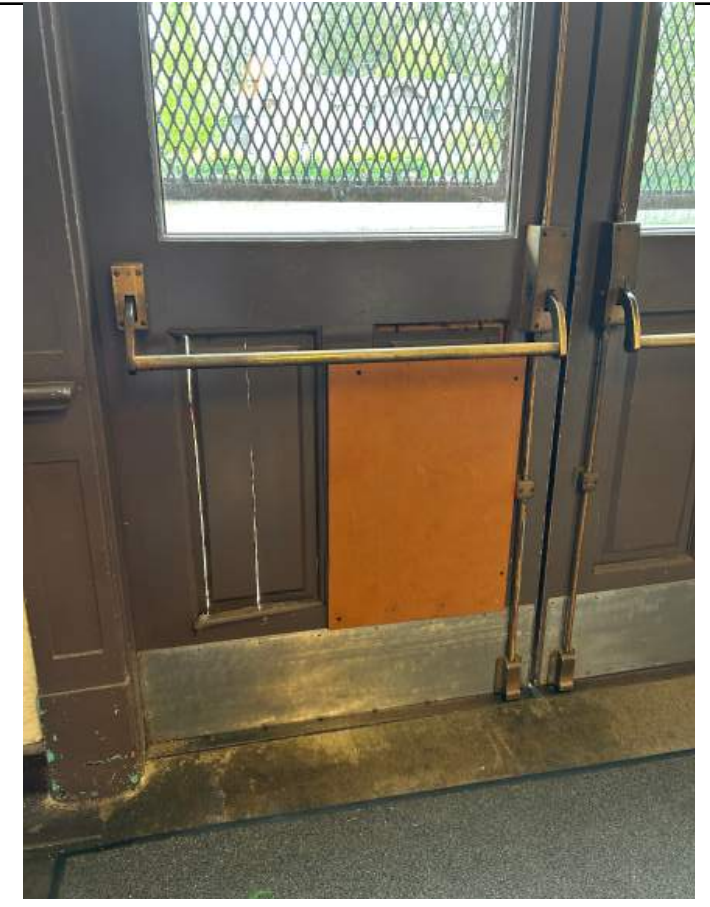


## **SOUTH CORRIDOR DOUBLE DOOR:**

The wood double doors are falling apart with cracks in the panels with daylight coming through and boards attached to the interior side as a temporary repair. The door frame shows heavy deterioration especially at base where it is in contact with the concrete slab.

The Relite sill is heavily deteriorated due to being in contact with the concrete wall below and skyward facing nature of the sill. The protective, expanded, steel mesh, causing leaves and debris to fill the window casing cavity, retaining water, resulting in the wood sill and vertical elements adjacent to the sill being damaged.

The transom also has similar damage due to smaller casing area for debris to collect within the protective, expanded, steel mesh, and further weathering due to its south facing orientation

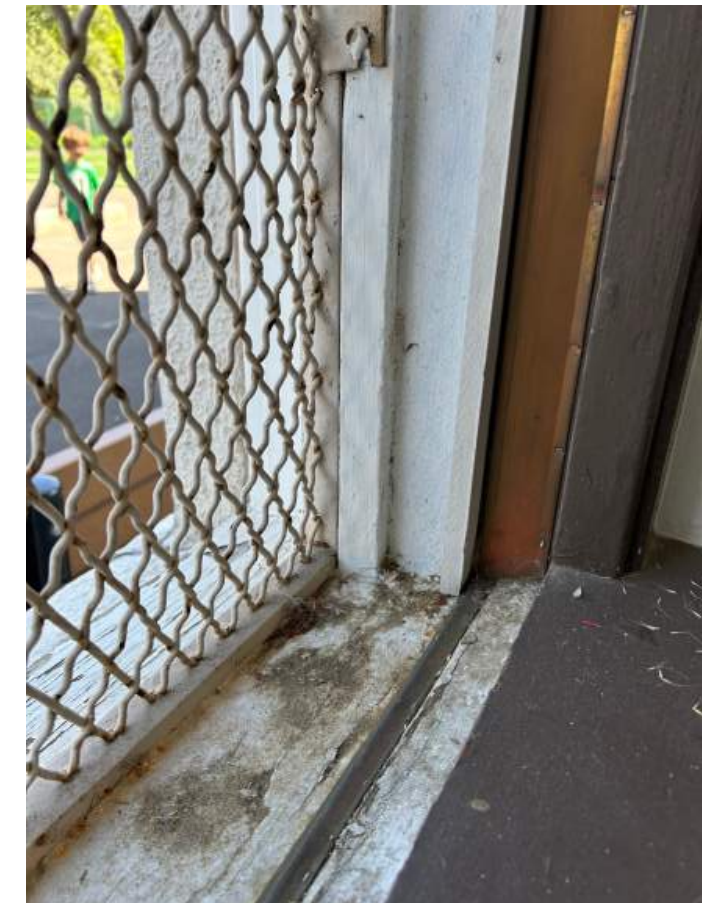




## **1913 GROUND FLOOR CLASSROOM WINDOWS:**

The 1913 Ground floor, classroom windows have the protective expanded steel mesh on the exterior. The exterior window sill has moderate damage due to its skyward facing nature.

The interior case work shows some signs of wear, with chips or scratches in the paint, but overall is in good condition.



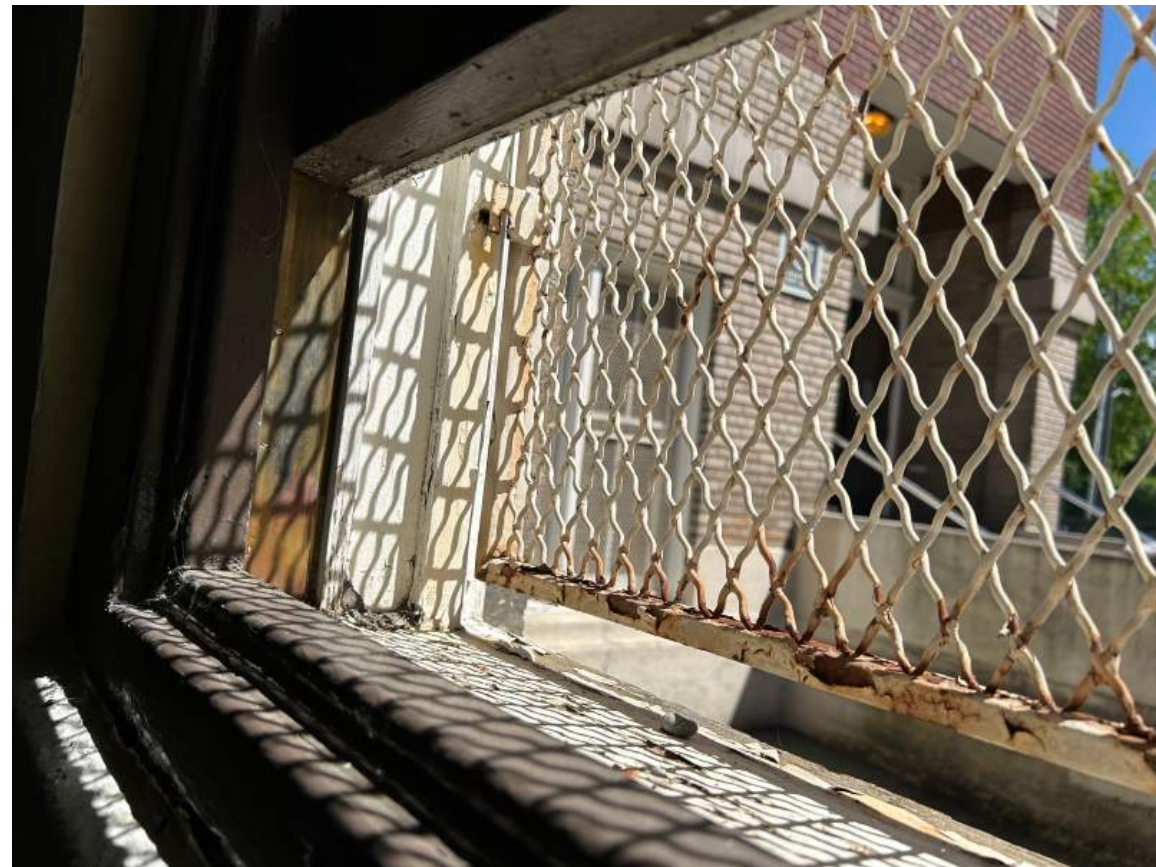
# McGilvra Elementary-Historic Wood Window Refurbishment & Glazing Replacement



## **GROUND FLOOR RESTROOM WINDOWS:**

The restroom/ boiler room windows at the 1913 projecting one story building at the rear are heavily deteriorated at the sill due to the smaller window area and the protective, expanded, steel mesh, causing leaves and debris to fill the window casing cavity. Resulting in rotted sills in select locations.

The interior window casement has some chips in the paint with some wear but overall, is in good condition.

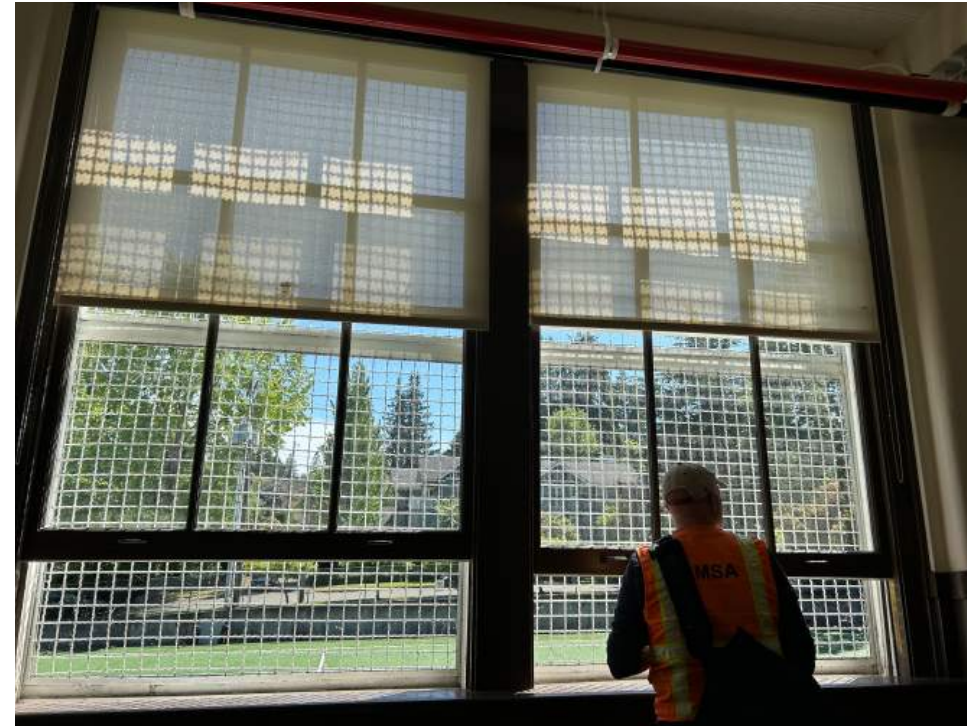


# McGilvra Elementary-Historic Wood Window Refurbishment & Glazing Replacement

## 1913 CORRIDOR WINDOWS:

The 1913 corridor windows at the south end have the protective expanded steel mesh on the exterior. The South exterior window sill has moderate damage due to its skyward facing nature and southern exposure, while the North corridor window sill is in good condition.

The interior case work shows some signs of wear, with chips or scratches in the paint, but overall is in good condition.



# McGilvra Elementary-Historic Wood Window Refurbishment & Glazing Replacement

## **1913 SECOND AND THIRD FLOOR CLASSROOM WINDOWS:**

The 1913 second and third floor, classroom windows are in decent condition. The exterior window sill has some damage due to its skyward facing nature but the exterior jamb show minimal weathering.

The interior case work shows some signs of wear, with chips or scratches in the paint, but overall is in good condition.

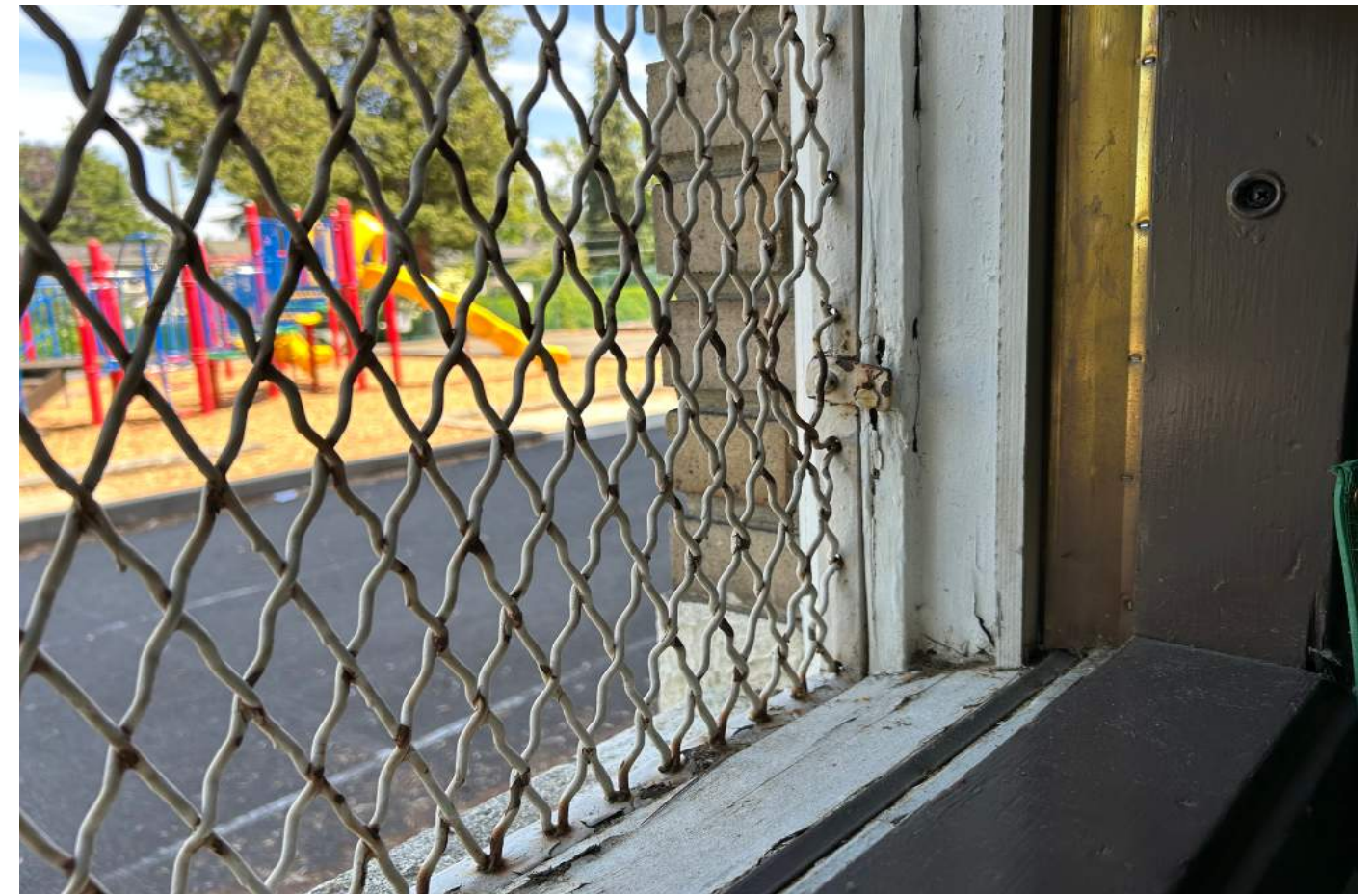
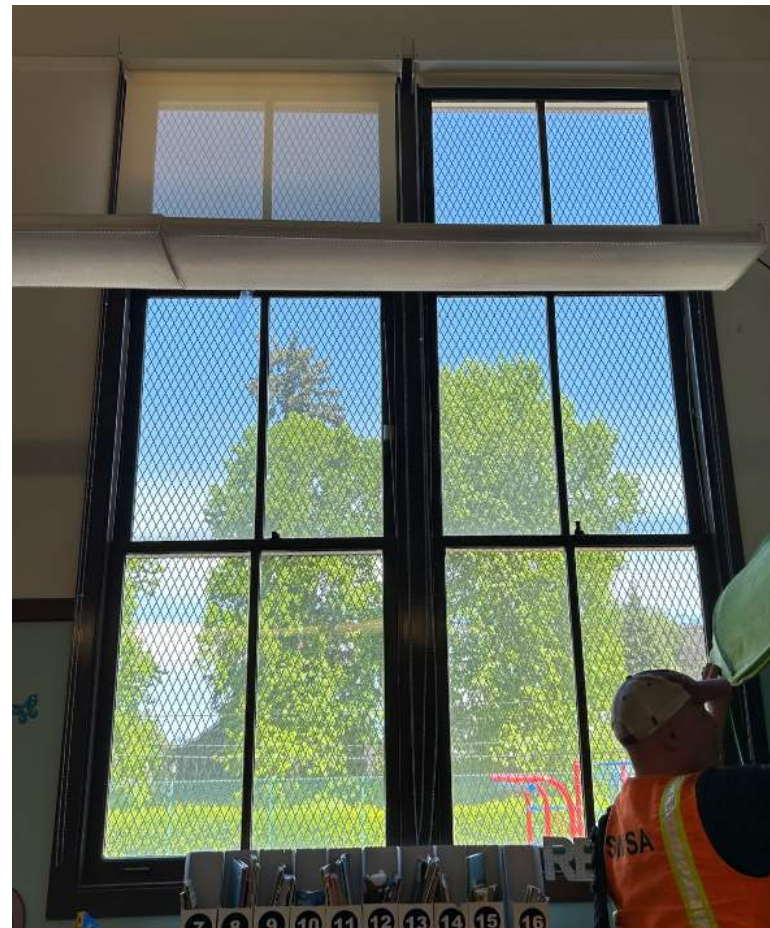


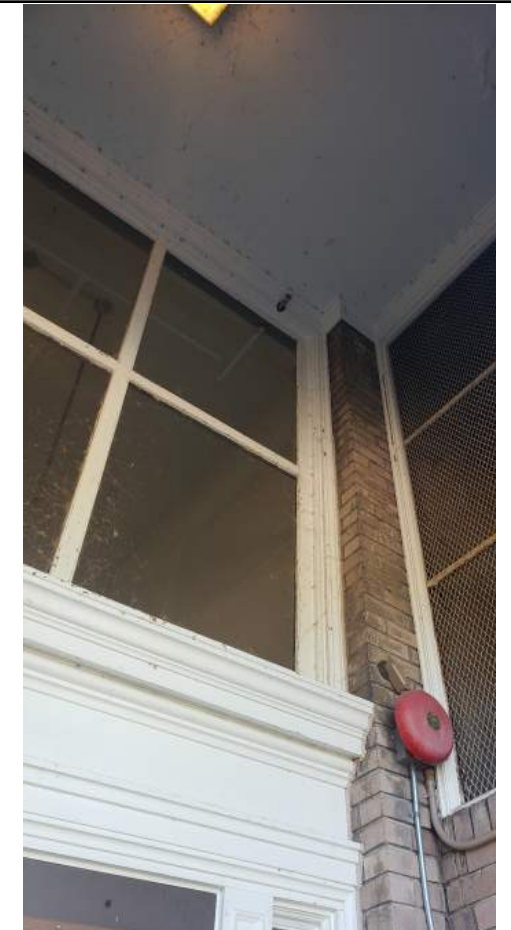


## **1940 WINDOWS:**

The 1940 classroom windows have the protective expanded steel mesh on the exterior. As a result of the attachment method of the steel mesh, there is some damage to the exterior wood jambs. The exterior window sill has some damage due to its skyward-facing nature.

The interior case work shows some signs of wear, with chips or scratches in the paint, but overall is in good condition.





## **1913 DOOR, SIDE LITE, AND TRANSOMES**

The 1913 Entry, wood double doors, sidelights, back double doors are in moderate condition, protected from the weather but have some weathering due to its use.

The transoms, thanks to their position, are in good condition with some wear visible in the paint.



# 4.0\_Product

Mock-up Glass:

1. Vacuum Insulated Glazing that will be installed is 8mm (5/16") and includes LowE<sup>2</sup>-270 on glass face #2. This provides an R-value of R-15.87 and SHGC of 0.35



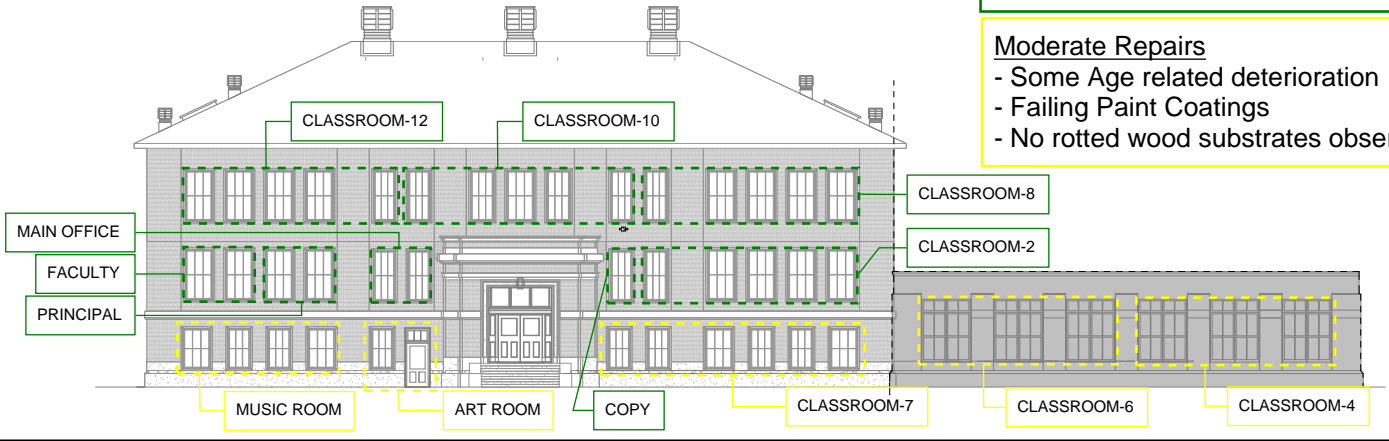
<b>R-18</b> Center of Glass LoE <sup>3</sup> - 366	<b>77</b> Condensation Resistance Factor	<b>33+</b> Sound Transmission Coefficient
<b>8 to 12-mm</b> Entermal Thickness	<b>4.6 kg/ft<sup>2</sup></b> Embodied Carbon Emissions	<b>20-year</b> Product Warranty

5-mm/5-mm	Visible Light Transmittance	Exterior Reflectance	Fading UV	Fading ISO	SHGC COG	U-factor COG
LoE - 180	78%	14%	26%	61	0.67	0.084
LoE <sup>2</sup> - 270	69%	12%	13%	50	0.35	0.063
LoE <sup>3</sup> - 366	64%	11%	5%	42	0.26	0.056
LoE <sup>3</sup> - 340	38%	13%	2%	27	0.16	0.056

## Entermal<sup>®</sup> Performance

**APPENDIX-B CONDITIONS PHOTOS  
McGILVRA ELEMENTARY SCHOOL**

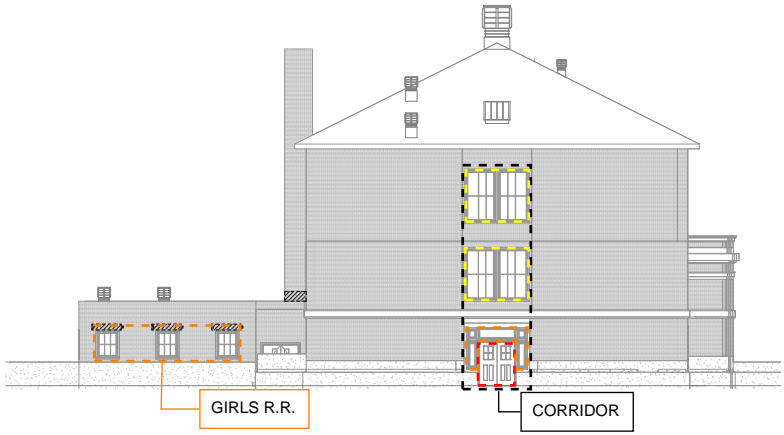
**EAST ELEVATION**



**Minor Repairs**  
- Refurbished in the last 20 years  
- Minor paint Damage

**Moderate Repairs**  
- Some Age related deterioration  
- Failing Paint Coatings  
- No rotted wood substrates observed

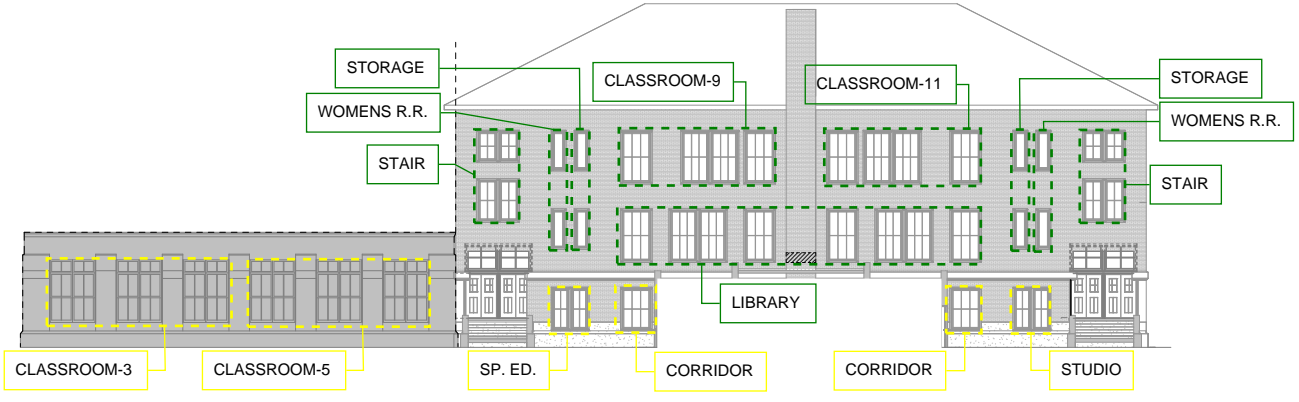
**SOUTH ELEVATION**



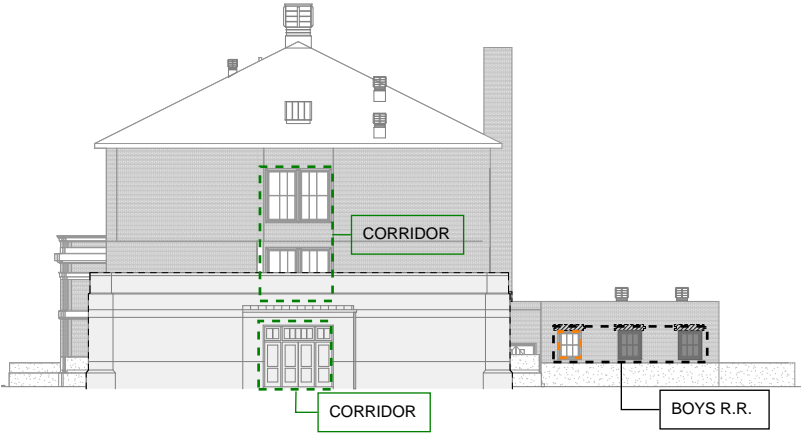
**Heavy Repairs**  
- Age related deterioration  
- Failing Paint Coatings  
- 1/4 inch deep soft/ rotted wood substrates observed. Select areas of soft/ rotted wood greater than 1/4 inch

**Extensive Repairs**  
- Failing Paint Coatings  
- 1/4 inch deep and greater soft/ rotted wood substrates observed. Some components should be replaced

**WEST ELEVATION**



**NORTH ELEVATION**



SOUTH CORRIDOR

All windows were repaired and refurbished in 2008. The south facing corridor windows have protective expanded steel mesh on the exterior. The jamb has loose inner bead with some failing paint at the jamb adjacent to the sill. The sill has moderate damage due to its skyward facing nature and southern exposure.



The metal jamb frame is in good condition

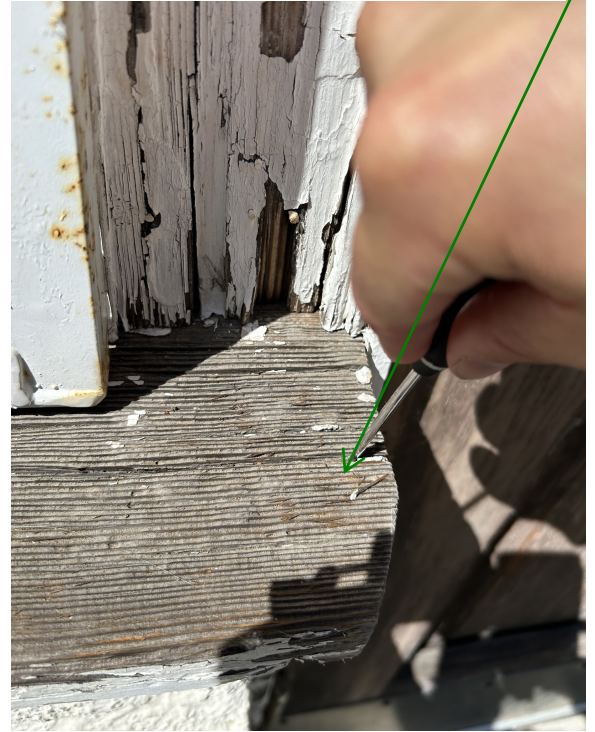


The Interior case work shows some signs of wear, with chips and scratches in the paint but overall is in good condition

**SOUTH ENTRY DOOR**

The South Entry Double door requires extensive repair due to its southern exposure without any protection.

The sidelite and transome frames have heavy damage, where paint is faded and the wood sill is splitting with gaps,



The door panel has cracks in the panels with daylight coming through and plywood attached to the interior side to hold the panels in place. Heavy weathering of the door due to its southern exposure with faded paint. Interior side has brass hardware. Unknown whether hardware is original or historic.



1913 Ground floor, classroom windows have protective expanded steel mesh on the exterior. There are some damage to the wood window frame where the expanded steel mesh is attached. The exterior window sill has moderate damage due to its skyward facing nature. Some wear observed at base of jamb and sill intersection.

1ST FLOOR RESTROOM



The restroom window sills at the 1913 projecting one story building at the rear are rotted due to the protective expanded, steel mesh and smaller window area causing leaves and debris to fill the window cavity.



1940 Ground floor, classroom windows have protective expanded steel mesh on the exterior. There are some damage to the wood window frame where the expanded steel mesh is attached along with chips in the paint on the jambs. The exterior window sill has moderate damage due to its skyward facing nature.



The Second floor Library window are in fair condition with minor chips in the paint observed on the jambs and some damage observed on the exterior sill due to its skyward facing nature.



Faded paint on the exterior window sills



Minor chips and wear on jambs and window frame



Faded exterior window sill paint due to skyward facing nature



hooks attached to window sill



Previously replaced window glazing

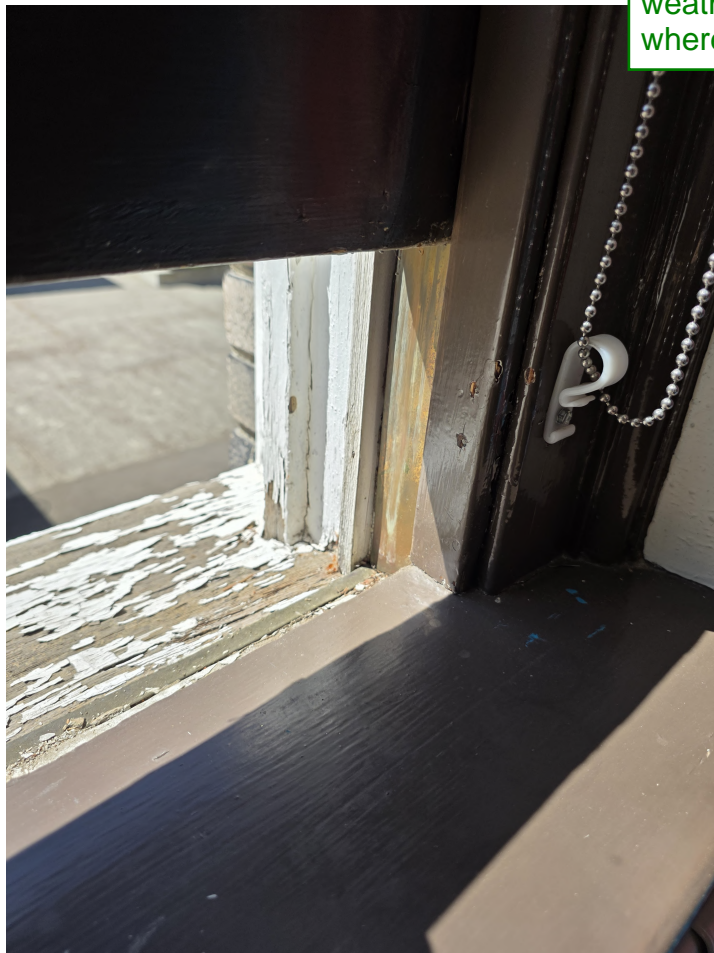


Interior case works in good condition with some chips or scratches in the paint

STORAGE



Interior Casework of storage window in good condition. Exterior sill has faded paint due to skyward facing nature but jambs are in good condition with some weathering at the base where it intersects sill.





Interior casework and paint in good condition



moderate weathering on exterior window sill.



Existing groove in window sash to be used to install weatherstripping

1ST FLOOR DOORS, ART AND MUSIC ROOM



Exterior paint is faded



Interior paint, frame, trim and door panel is in good condition.



South East, ground floor corner door at music room was infill in 2002 when cafeteria was relocated



**RULES**  
• Tobacco  
substa  
• Dogs o  
permit  
• Bicycl  
are no  
• Chewi  
permit  
• Firew  
are no  
• Food  
perm

MAIN ENTRY



Interior casework is in good condition



Hardware different from other doors are on main entry door. Traces of previous hardware removed remain



Exterior of Entry double door and side-lite appear to be in good condition, protected from the weather by entry protrusion. The paint appears faded due to its consistent use over the years

BACK DOORS



Brass door hardware. Unknown whether they are original or historic match. Back double door interior side is in good condition with some scratches to the paint

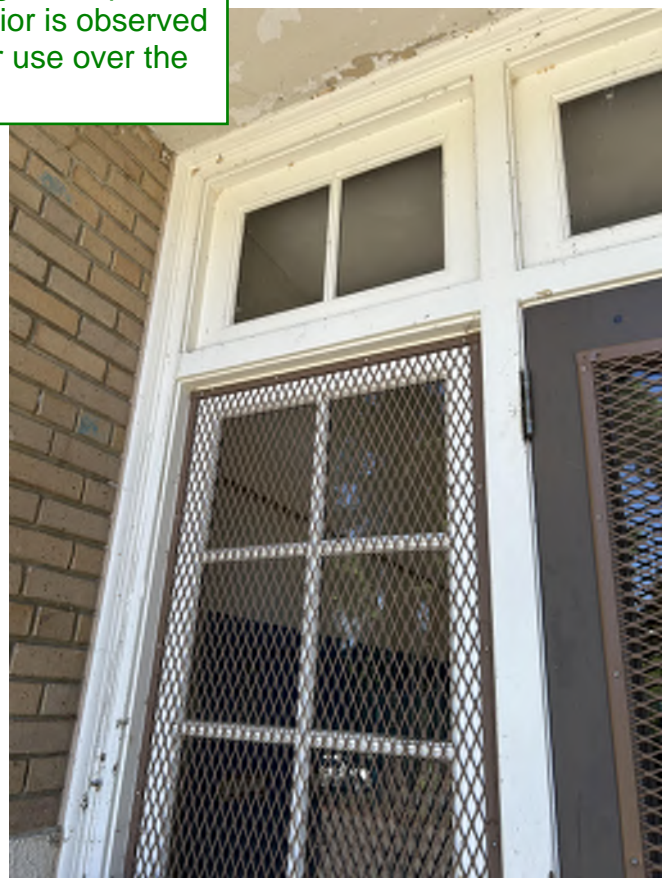


Exterior of Back double door and transom is in good condition, protected from the weather by doors setback with floor above providing protection from the elements. The paint appears faded due to its consistent use over the years.

1940 NORTH ENTRY

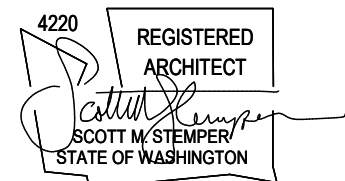
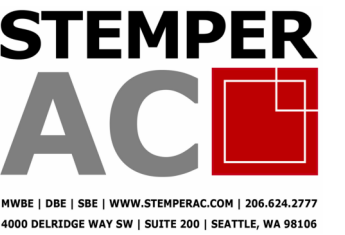


The 1940, North entry double door, side lite and transom are in good condition due to being set back and protected from the elements and its orientation to the North. Some fading of the paint on the exterior is observed from regular use over the years.



# MCGILVRA ELEMENTARY WOOD WINDOW & DOOR REPAIRS

## PROJECT # P2216



### CODE SUMMARY

**CODE SUMMARY:**  
 JURISDICTION: CITY OF SEATTLE  
 BUILDING CODE: 2021 SEATTLE BUILDING CODE  
 FIRE CODE: 2021 SEATTLE FIRE CODE  
 ENERGY CODE: 2021 WASHINGTON STATE ENERGY CODE  
 MECHANICAL CODE: 2021 SEATTLE MECHANICAL CODE  
 PLUMBING CODE: 2021 SEATTLE PLUMBING CODE  
 ELECTRICAL CODE: 2021 SEATTLE ELECTRICAL CODE  
 ADA CODE: 2010 ADA STANDARDS AND A117.1-2009

**VOLUNTARY SEISMIC UPGRADES UNDER SEPARATE PERMIT# 7138679-CN**

### GENERAL NOTES

- ALL WORK TO BE PERFORMED IN COMPLIANCE WITH ALL APPLICABLE CODES, LAWS AND REGULATIONS OF ALL AUTHORITIES HAVING JURISDICTION OVER THE WORK.
- CONTRACTOR IS TO PROTECT EXISTING LANDSCAPE SCHEDULED TO REMAIN, PARKING LOTS, GROUNDS, FLOORS, FURNISHINGS, FIXTURES AND EQUIPMENT FROM DAMAGE. CONTRACTOR TO USE EXTREME CAUTION WHEN WORKING ON GROUNDS AND PARKING LOTS ADJACENT TO THE BUILDING. CONTRACTOR TO REPLACE IN KIND ANY SUCH ITEMS DAMAGED.**
- CONTRACTOR TO VERIFY ALL DIMENSIONS, PROPERTY LINES, MEASUREMENTS AND CONDITIONS IN THE FIELD BEFORE BEGINNING WORK. ANY DISCREPANCIES, ERRORS OR OMISSIONS TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY.
- THE ARCHITECT WILL HAVE A REPRESENTATIVE ON SITE, PART-TIME TO OBSERVE THE CONSTRUCTION FOR COMPLIANCE WITH THE DESIGN INTENT AND TO ASSIST THE CONTRACTOR IN RESOLVING VARIATIONS IN THE EXISTING CONSTRUCTION. THESE DOCUMENTS ADDRESS KNOWN CONDITIONS, BUT IT IS ANTICIPATED THAT HIDDEN CONDITIONS WILL BE ENCOUNTERED DURING CONSTRUCTION. THE ARCHITECT WILL OBSERVE ALL SUCH HIDDEN CONDITIONS AND ISSUE CLARIFICATIONS OR MODIFICATIONS OF THE DESIGN INTENT TO ADDRESS SUCH CONDITIONS AND WILL DOCUMENT ALL CHANGES.
- UNLESS OTHERWISE NOTED, ALL ANGLES ARE TO BE RIGHT ANGLES, ALL LINES WHICH APPEAR PARALLEL ARE TO BE PARALLEL, AND ALL ITEMS WHICH APPEAR CENTERED ARE TO BE CENTERED. CONTRACTOR TO BE RESPONSIBLE FOR MAINTAINING ALL LINES TRUE, LEVEL, PLUMB AND SQUARE.
- DETAILED AND/OR LARGER SCALE DRAWINGS TAKE PRECEDENCE OVER GENERAL AND SMALLER SCALE DRAWINGS. POSTED DIMENSIONS WILL TAKE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR TO VERIFY SCALED DIMENSIONS WITH ARCHITECT BEFORE PROCEEDING WITH WORK.
- ALL ATTACHMENTS, CONNECTIONS, AND FASTENINGS OF ANY NATURE ARE TO BE PROPERLY AND PERMANENTLY SECURED IN CONFORMANCE WITH THE BEST PRACTICES OF THE BUILDING INDUSTRY. DRAWINGS SHOW ONLY SPECIAL REQUIREMENTS TO ASSIST THE CONTRACTOR AND DO NOT SHOW EVERY DETAIL.
- DETAILS SHOWN IN THESE DRAWINGS ARE TYPICAL AND WILL APPLY UNLESS OTHERWISE NOTED OR SHOWN. DETAILS OF CONSTRUCTION NOT FULLY SHOWN ARE TO BE OF THE SAME NATURE AS THOSE DRAWN FOR SIMILAR CONDITIONS. ANY AREAS IN QUESTION TO BE ADDRESSED AT PRE-CONSTRUCTION CONFERENCE.
- CONTRACTOR TO PROTECT EXISTING FURNISHINGS, FIXTURES, EQUIPMENT AND LANDSCAPING FROM DAMAGE. CONTRACTOR TO REPLACE IN KIND ANY SUCH ITEMS DAMAGED. ALL DEBRIS IS TO BE REMOVED.
- CONTRACTOR TO COORDINATE ALL OPERATIONS WITH OWNER, INCLUDING: SITE ACCESS, MATERIALS STORAGE AND STAGING, INTERRUPTIONS OF ELECTRICAL, MECHANICAL, FIRE-ALARM, LOW-VOLTAGE SERVICES AND TIMING OF NOISY OR DISRUPTIVE OPERATIONS. CONTRACTOR TO VERIFY SEQUENCE OF WORK WITH OWNER.
- CONTRACTOR IS RESPONSIBLE FOR CUTTING/ WELDING AND HOT WORK PERMITS AND MUST MEET THE CITY OF SEATTLE FIRE DEPARTMENT STANDARDS FOR SUCH WORK.
- REFER TO SECTION 01 11 00 FOR INFORMATION ON HAZARDOUS MATERIALS IMPACTS INCLUDED IN THE WORK.
- IF HAZARDOUS MATERIALS ARE ENCOUNTERED, NOTIFY ARCHITECT IMMEDIATELY.

SHEET NUMBER	SHEET NAME
T-1.0	TITLE SHEET - SEISMIC UPGRADES
ARCHITECTURAL DRAWINGS	
A-0.0	SITE PLAN
A-2.0	ELEVATIONS
A-2.1	ELEVATIONS
A-5.0	WINDOW AND DOOR SCHEDULE

### SITE AND BUILDING DATA

**SITE ADDRESS:** 1617 38TH AVE E SEATTLE, WA 98112

**ASSESSOR'S PARCEL NO.:** 531810-0820

**LOT AREA:** 108,000 SF

**ZONING:** NR3

**CONSTRUCTION TYPE:** II-A

**NUMBER OF STORIES:** 3 STORY EXISTING

**PARKING:** NO CHANGE

**LEGAL DESCRIPTION:** MC GILVRAS J J 3RD ADD REPLAT & VAC ALLEY ADJ & VAC ST ADJ LOTS 1 THRU 12 Plat Block: 7 Plat Lot: 1 THRU 24

### ABBREVIATIONS

&	AND	MAX	MAXIMUM
@	AT	MECH	MECHANICAL
AB	ANCHOR BOLT	MANUF	MANUFACTURER
ACT	ACOUSTICAL CEILING TILE	MTL	METAL
ADJ	ADJACENT	MIN	MINIMUM
AFF	ABOVE FINISHED FLOOR	N/A	NOT APPLICABLE
ALUM	ALUMINUM	NIC	NOT IN CONTRACT
ANOD	ANODIZED	NO	NUMBER
APPROX	APPROXIMATE (LY)	NR	NOT RATED
ARCH	ARCHITECTURE (URAL)	NTS	NOT TO SCALE
ASPH	ASPHALT	OC	ON CENTER
ASSY	ASSEMBLY	OF CI	OWNER FURNISHED/CONTRACTOR INSTALLED
ALT	ALTERNATE	OH	OVERHEAD
BLDG	BUILDING	OVHG	OVERHANG
BLKG	BLOCKING	PL	PLATE
BM	BEAM	PLAS	PLASTER
BO	BOTTOM OF	PNT	PAINT
BOT	BOTTOM	PSI	POUNDS PER SQUARE INCH
CJ	CONTROL JOINT	PT	PRESSURE TREATED
CLG	CEILING	PVC	POLYVINYL CHLORIDE
CMU	CONCRETE MASONRY UNIT	PLYW	PLYWOOD
COL	COLUMN	RCP	REFLECTED CEILING PLAN
CONC	CONCRETE	RD	ROOF DRAIN
CONT	CONTINUOUS	RE:	REFER TO
CS	CONCRETE SEALER	REQD	REQUIRED
CT	CERAMIC TILE	RM	ROOM
CTSK	COUNTERSINK	RWL	RAIN WATER LEADER
DBL	DOUBLE	SCHED	SCHEDULE
DEMO	DEMOLISH	SC	SOLID CORE
DIA	DIAMETER	SEC	SECURITY
DN	DOWN	SF	SQUARE FEET
DS	DOWN SPOUT	SHEATH	SHEATHING
DWGS	DRAWINGS	SHT	SHEET
EA	EACH	SIM	SIMILAR
E-A	EXISTING ANCHOR	SP	STAND PIPE
ELEC	ELECTRICAL	SPEC	SPECIFICATION
ELEV OR EL	ELEVATION	SQ	SQUARE
EQ	EQUAL	SS	STAINLESS STEEL
EXIST OR (E)	EXISTING	STD	STANDARD
FD	FLOOR DRAIN	STL	STEEL
F.F.GSM	FACTORY FINISHED GALVANIZED SHEET METAL	STOR	STORAGE
F.O.I.C.	FURNISHED BY OWNER, INSTALLED BY CONTRACTOR	STRUCT	STRUCTURAL
FT	FIRE TREATED	SUSP	SUSPENDED
GA	GAUGE	TOC	TOP OF CONCRETE
GALV	GALVANIZED	TOP	TOP OF PARAPET
GL	GLASS	TOS	TOP OF STEEL
GWB	GYPNUM WALL BOARD	TYP	TYPICAL
GSM	GALVANIZED SHEET METAL	TS	TUBE STEEL
GYP	GYPNUM	UL	UNDERWRITERS LABORATORY
HGT	HEIGHT	UNO	UNLESS NOTED OTHERWISE
HM	HOLLOW METAL	VERT	VERTICAL
HORIZ	HORIZONTAL	VIF	VERIFY IN FIELD
HR	HOUR	VTR	VENT THROUGH ROOF
INT	INTERIOR	WI	WITH
INSUL	INSULATION	WF	WIDE FLANGE
LB OR #	POUND	WD	WOOD
LOC	LOCATION	WIN	WINDOW
MATL	MATERIAL	X BRACE	CROSS BRACE
		YD	YARD

### VICINITY MAP



### PROJECT DIRECTORY

<p><b>OWNER</b>                  SEATTLE PUBLIC SCHOOLS                  2445 3rd Avenue South                  Seattle, WA 98124                  CONTACT: Amanda Fulford,                  Vincent Gonzales                  PHONE: (206) 496-2561                  asfulford1@seattleschools.org                  vrgonzales@seattleschools.org</p>	<p><b>ARCHITECT</b>                  STEMPER ARCHITECTURAL COLLABORATIVE                  4000 Delridge Way, SW, Suite 200                  Seattle WA 98108                  CONTACT: Marc Tegen                  Scott Stemper                  PHONE: (206) 624-2777                  marc@stemperac.com                  scott@stemperac.com</p>	<p><b>STRUCTURAL ENGINEER</b>                  PCS STRUCTURAL SOLUTIONS                  1011 Western Avenue, Unit 810                  Seattle WA 98104                  CONTACT: Alex Lege                  Jared Dragovich                  PHONE: (206) 292-5076                  alege@pcs-structural.com                  jdragovich@pcs-structural.com</p>	<p><b>GEO TECHNICAL ENGINEER</b>                  GeoEngineers                  17425 NE Union Hill Road, Suite 250                  Redmond, WA 98052                  CONTACT: Jose Estrada                  Senior Geotechnical Engineer, PE                  Christopher Newton                  Associate Geotechnical Engineer, PE                  Hamilton Puangnak</p>	<p><b>ENVELOPE CONSULTANT</b>                  4EA BUILDING SCIENCE                  12721 30th Avenue NE, 2nd Floor                  Seattle WA 98125                  CONTACT: Jose Estrada                  Whitney Thomas                  PHONE: jose@team4ea.com                  whitney@team4ea.com</p>	<p><b>ENVIRONMENTAL CONSULTANT</b>                  NOVO Laboratory &amp; Consulting                  Services, Inc.                  138 SW 154th Street, Suite B                  Burien WA 98166                  CONTACT: Rich Carlson                  PHONE: (206) 244-1060                  rich@novolc.com</p>
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### SCOPE OF WORK

- WOOD WINDOW & DOOR REPAIRS:**
- Base Bid 1913 Windows:**
    - Remove existing metal mesh screens at all windows where they occur.
    - Carefully remove existing wood stops and parting beads and disconnect ropes to facilitate temporary removal of existing double hung window sashes for off-site refurbishment.
    - Refurbish existing double hung window sashes and replace existing single pane glazing with vacuum insulated glazing.
    - Refurbish existing wood window frames in-place.
    - Reinstall refurbished double hung sashes with new wood stops and parting beads.
  - Additive Alternate-1, 1913 Ground Level Doors and Fixed Windows:**
    - Remove existing metal mesh screens at all windows and doors where they occur.
    - Carefully remove existing wood doors and hardware to facilitate temporary removal of existing doors and hardware for off-site refurbishment.
    - Refurbish existing door frames, fixed windows and window frames in-place.
    - Replace existing single pane door and window glazing with vacuum insulated glazing. Install laminated glazing in locations where existing glass is smaller than 12m x 18m.
    - Reinstall refurbished doors and hardware.
  - Additive Alternate-2, 1940 Windows:**
    - Remove existing metal mesh screens at all windows where they occur.
    - Carefully remove existing wood stops and parting beads and disconnect ropes to facilitate temporary removal of existing double hung window sashes for off-site refurbishment.
    - Refurbish existing double hung window sashes and replace existing single pane glazing with vacuum insulated glazing.
    - Refurbish existing wood window frames in-place.
    - Reinstall refurbished double hung sashes with new wood stops and parting beads.
  - Additive Alternate-3, Remaining 1913 and 1940 Doors and Fixed Windows:**
    - Remove existing metal mesh screens at all windows and doors where they occur.
    - Carefully remove existing wood doors and hardware to facilitate temporary removal of existing doors and hardware for off-site refurbishment.
    - Refurbish existing door frames, fixed windows and window frames in-place.
    - Replace existing single pane door and window glazing with vacuum insulated glazing. Install laminated glazing in locations where existing glass is smaller than 12m x 18m.
    - Reinstall refurbished doors and hardware.

**MCGILVRA ELEMENTARY SCHOOL**  
 WOOD WINDOW & DOOR REPAIRS  
 1617 38TH AVE E,  
 SEATTLE, WA 98112

PERMIT SET 6/2/2026

REVISIONS	
#	DATE

PROJECT ARCHITECT  
 PROJECT MANAGER  
 DRAWN MAT

**TITLE SHEET - WOOD WINDOWS AND DOORS**

**T-1.1**  
 P2216

**SITE & BUILDING DATA**

**BUILDING NAME:** MCGILVRA ELEMENTARY SCHOOL

**SITE ADDRESS:** 1617 38TH AVE E  
SEATTLE, WA 98112

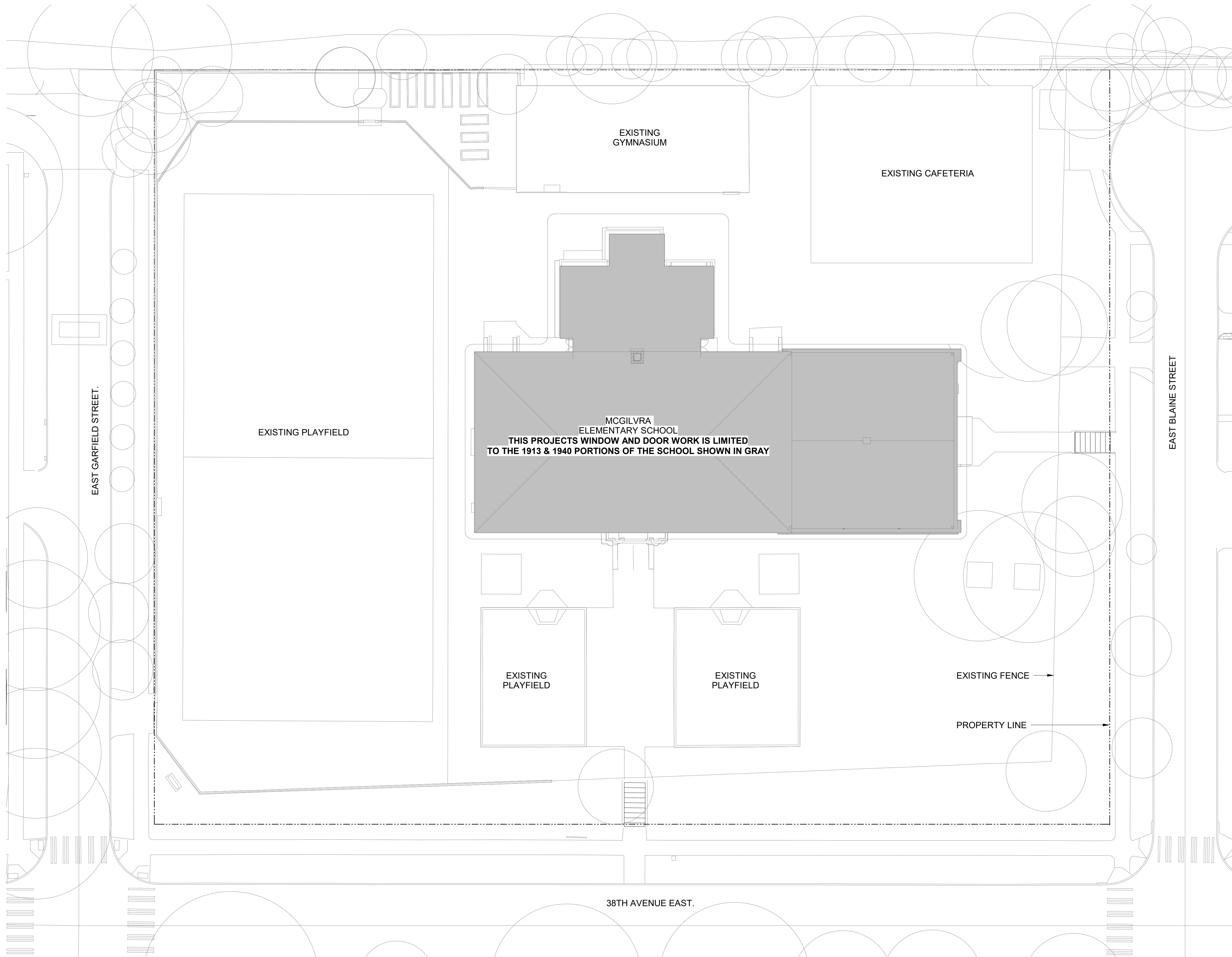
**ASSESSOR'S PARCEL NO:** 531810-0820

**LEGAL DESCRIPTION:**

MC GILVRAS J J 3RD ADD REPLAT & VAC ALLEY ADJ & VAC ST  
ADJ LOTS 1 THRU 12  
Plat Block: 7  
Plat Lot: 1 THRU 24

**OWNER:**  
SEATTLE PUBLIC SCHOOLS  
MS 22-331, PO BOX 34165  
SEATTLE, WA 98124  
PHONE: (206) 252-0151

**GENERAL NOTE:**  
THIS PROJECT DOES NOT INCLUDE ANY SITE RELATED WORK. CONTRACTORS STAGING, LAYDOWN AREAS, USE OF LIFTS, OR USE OF OTHER EQUIPMENT SHALL BE LIMITED TO EXISTING HARDSCAPE PAVED SURFACES



MCGILVRA  
ELEMENTARY SCHOOL  
THIS PROJECTS WINDOW AND DOOR WORK IS LIMITED  
TO THE 1913 & 1940 PORTIONS OF THE SCHOOL SHOWN IN GRAY

**MCGILVRA ELEMENTARY SCHOOL**  
WOOD WINDOW & DOOR REPAIRS  
1617 38TH AVE E,  
SEATTLE, WA 98112

PERMIT SET 6/2/2026

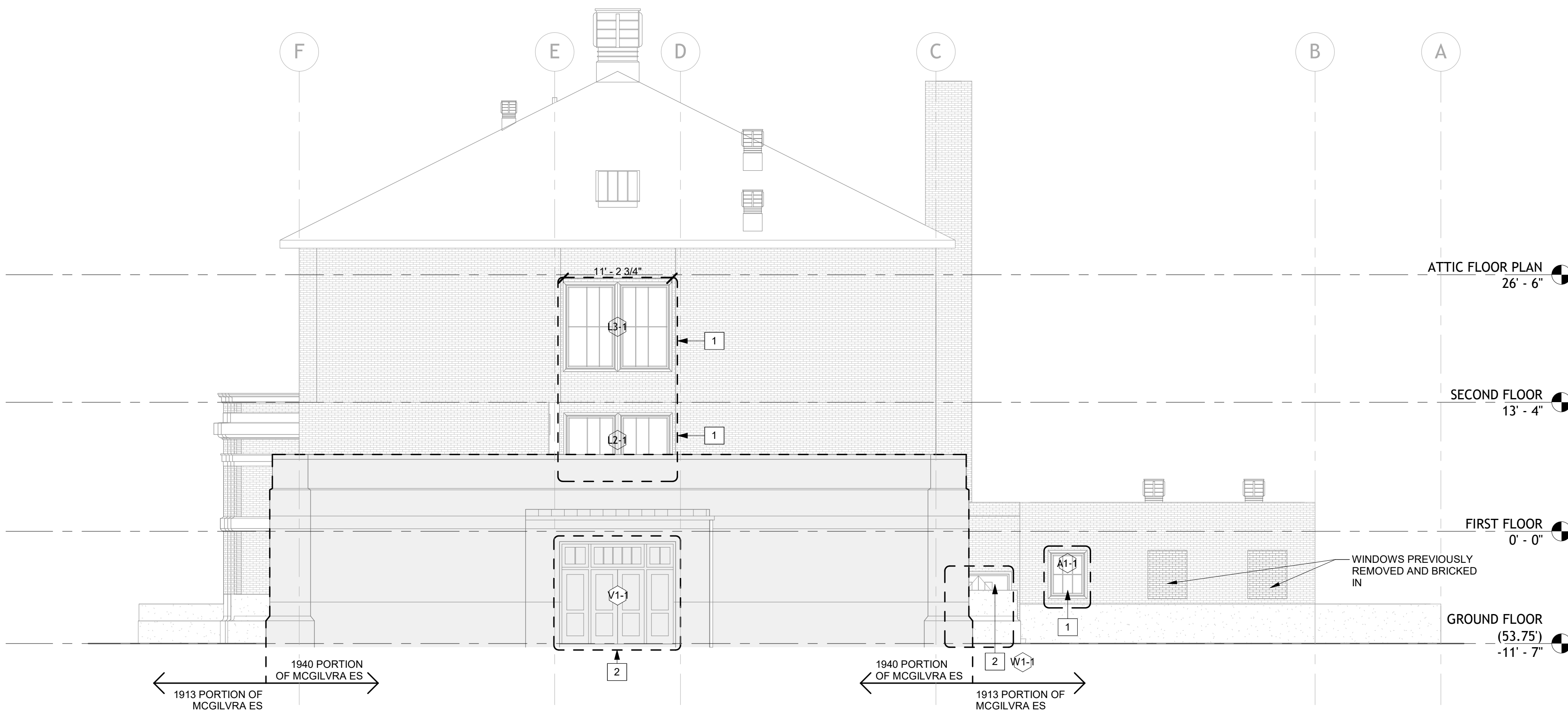
REVISIONS	
#	DATE

PROJECT ARCHITECT  
PROJECT MANAGER  
DRAWN  
SDL

SITE PLAN

**A-0.0**  
P2216

1 SITE PLAN  
1" = 20'-0"



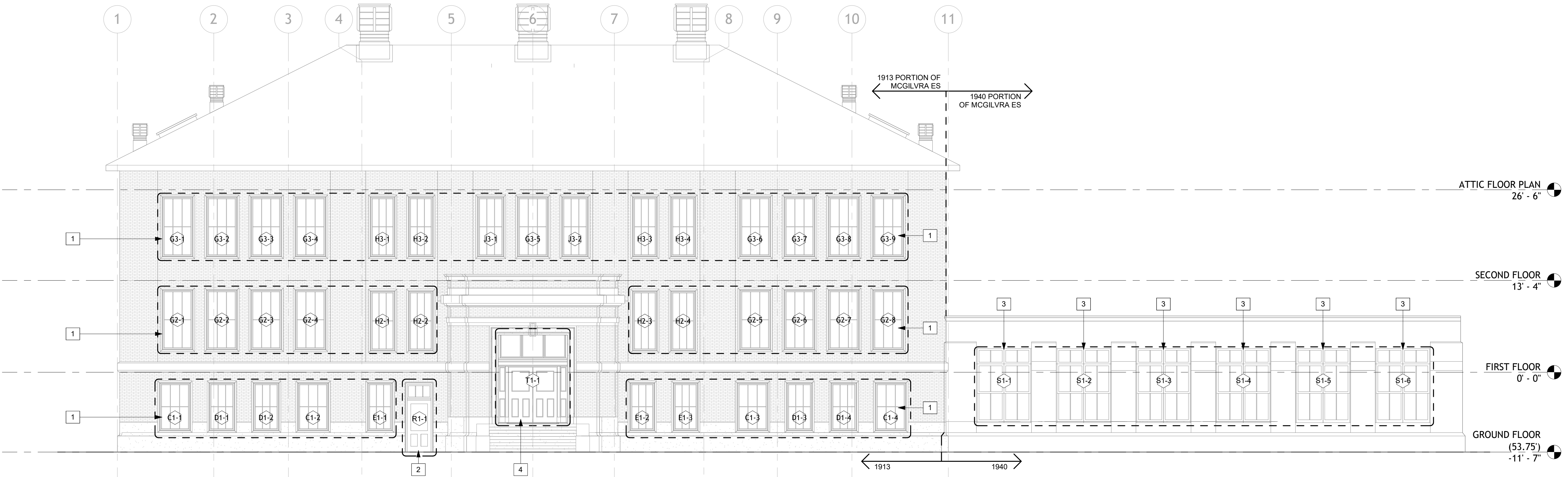
1 NORTH ELEVATION

ENVELOPE UPGRADES KEYNOTE LEGEND	
1	REFURBISH EXISTING WOOD WINDOWS, EXTERIOR CASINGS, AND WOOD SUBSILLS. REPLACE SINGLE PANE GLAZING WITH VACUUM INSULATED GLAZING UNITS (VIG'S). REPLACE EXISTING WEATHER SEALS. REPLACE EXISTING SEALANTS AT WINDOW PERIMETER.
2	ALTERNATE-1: REFURBISH EXISTING WOOD DOORS AND FIXED WINDOWS. REPLACE SINGLE PANE GLAZING WITH VACUUM INSULATED GLAZING UNITS (VIG'S).
3	ALTERNATE-2: REFURBISH EXISTING WOOD WINDOWS, EXTERIOR CASINGS, AND WOOD SUBSILLS. REPLACE SINGLE PANE GLAZING WITH VACUUM INSULATED GLAZING UNITS (VIG'S). REPLACE EXISTING WEATHER SEALS. REPLACE EXISTING SEALANTS AT WINDOW PERIMETER.
4	ALTERNATE-3: REFURBISH EXISTING WOOD DOORS AND FIXED WINDOWS. REPLACE SINGLE PANE GLAZING WITH VACUUM INSULATED GLAZING UNITS (VIG'S).

ELEVATION GRAPHIC LEGEND	
#	KEYNOTE
W	WINDOW TYPE
W1-1	WINDOW NUMBER
F	FLOOR LOCATION



**MCGILVRA ELEMENTARY SCHOOL**  
 WOOD WINDOW & DOOR REPAIRS  
 1617 38TH AVE E,  
 SEATTLE, WA 98112



2 EAS ELEVATION

PERMIT SET 6/2/2026

REVISIONS	
#	DATE

PROJECT ARCHITECT  
 PROJECT MANAGER  
 DRAWN MAT

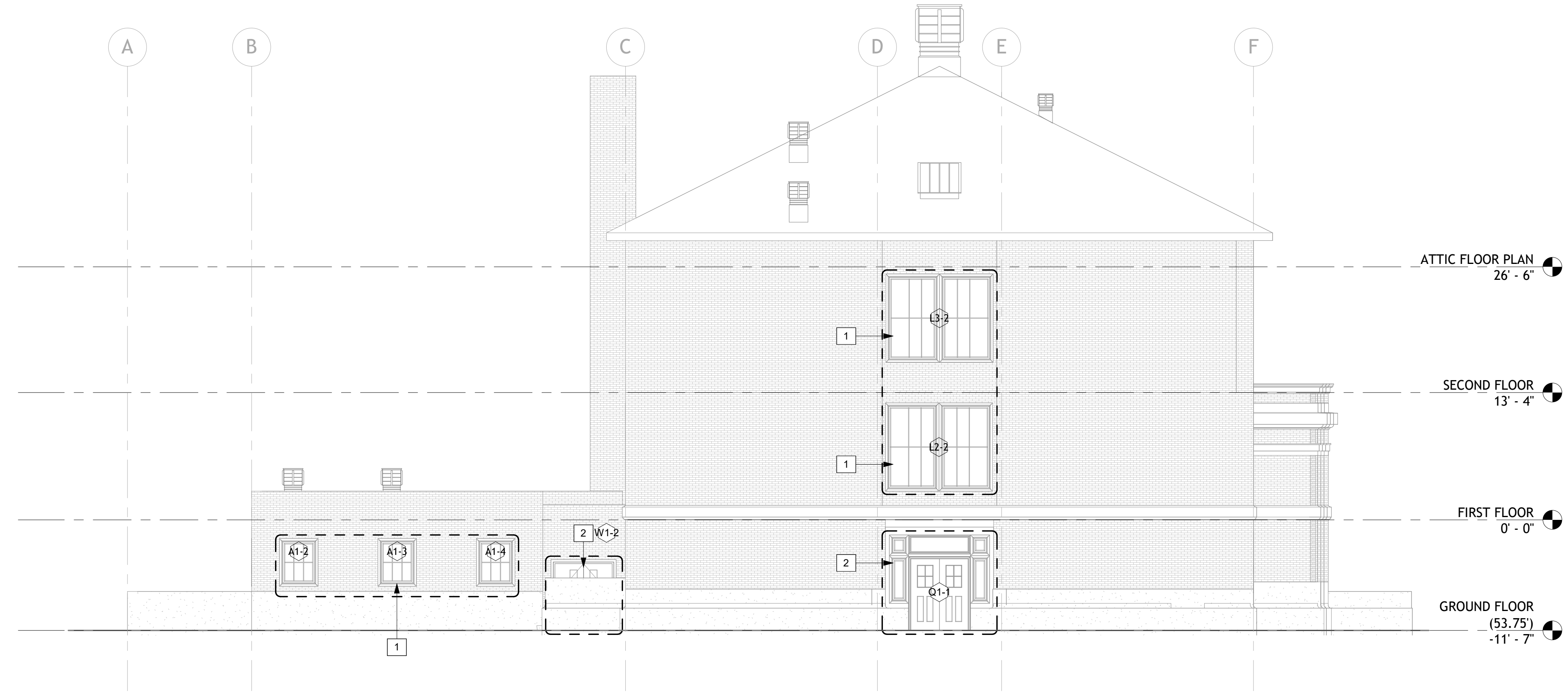
ELEVATIONS

**A-2.0**  
 P2216

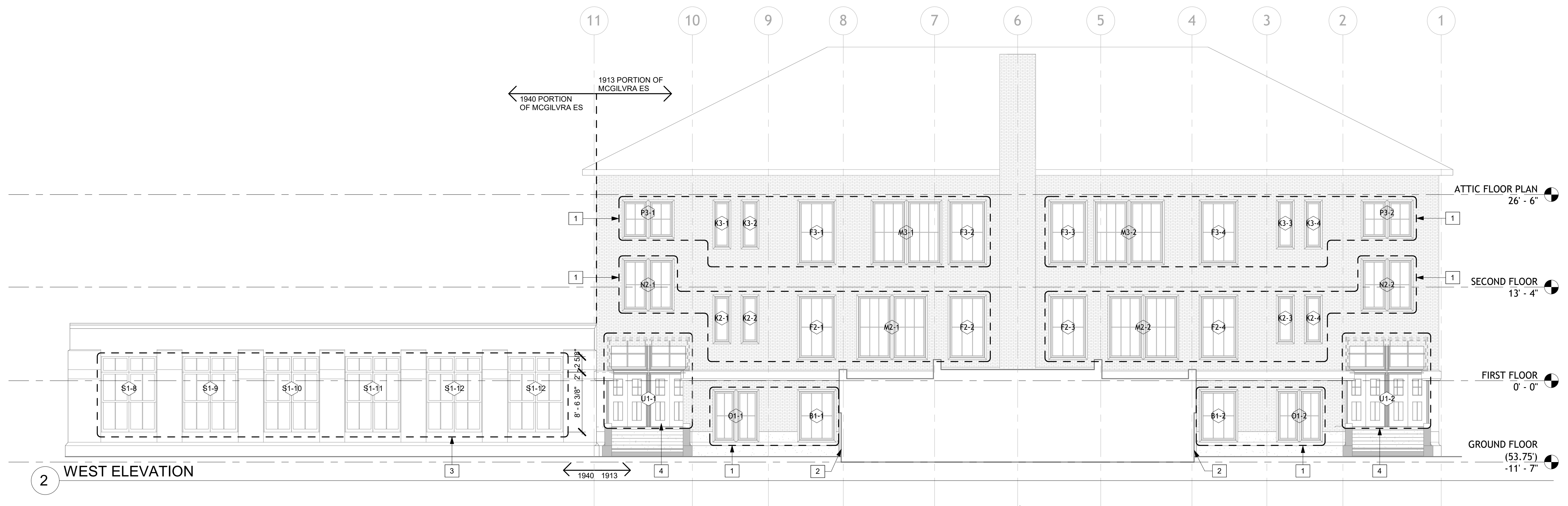
6/5/2026 3:25:38 PM C:\Users\Marc\Documents\McGilvra 1913 Building-Central\_marc\FMP7-rvt

ENVELOPE UPGRADES KEYNOTE LEGEND	
1	REFURBISH EXISTING WOOD WINDOWS, EXTERIOR CASINGS, AND WOOD SUBSILLS. REPLACE SINGLE PANE GLAZING WITH VACUUM INSULATED GLAZING UNITS (VIG'S). REPLACE EXISTING WEATHER SEALS. REPLACE EXISTING SEALANTS AT WINDOW PERIMETER.
2	ALTERNATE-1: REFURBISH EXISTING WOOD DOORS AND FIXED WINDOWS. REPLACE SINGLE PANE GLAZING WITH VACUUM INSULATED GLAZING UNITS (VIG'S).
3	ALTERNATE-2: REFURBISH EXISTING WOOD WINDOWS, EXTERIOR CASINGS, AND WOOD SUBSILLS. REPLACE SINGLE PANE GLAZING WITH VACUUM INSULATED GLAZING UNITS (VIG'S). REPLACE EXISTING WEATHER SEALS. REPLACE EXISTING SEALANTS AT WINDOW PERIMETER.
4	ALTERNATE-3: REFURBISH EXISTING WOOD DOORS AND FIXED WINDOWS. REPLACE SINGLE PANE GLAZING WITH VACUUM INSULATED GLAZING UNITS (VIG'S).

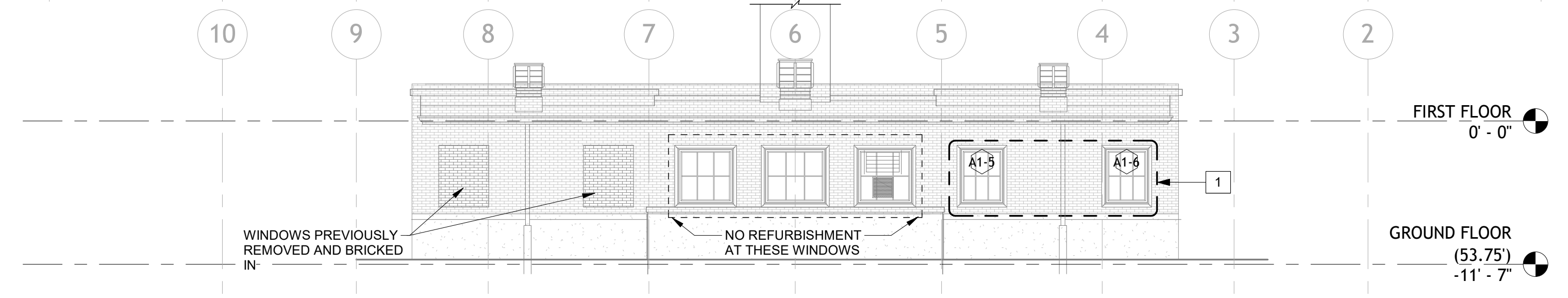
ELEVATION GRAPHIC LEGEND	
#	KEYNOTE
U1-1	WINDOW TYPE
U1-1	WINDOW NUMBER
U1-1	FLOOR LOCATION



1 SOUTH ELEVATION



2 WEST ELEVATION



3 WEST ELEV

**MCGILVRA ELEMENTARY SCHOOL**  
WOOD WINDOW & DOOR REPAIRS  
1617 38TH AVE E,  
SEATTLE, WA 98112

PERMIT SET 6/2/2026

REVISIONS	
#	DATE

PROJECT ARCHITECT	
PROJECT MANAGER	
DRAWN	Author
<b>ELEVATIONS</b>	

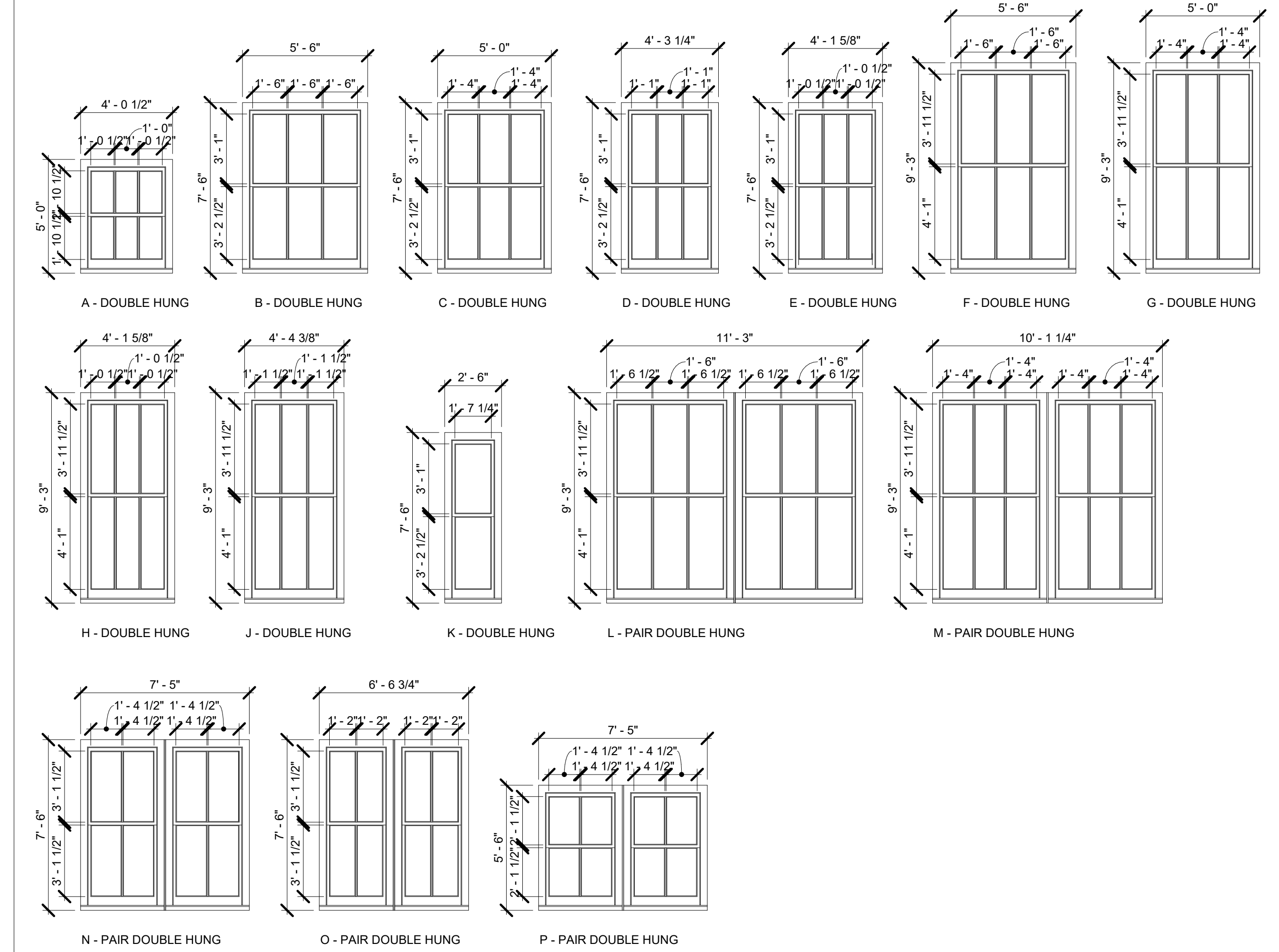
**A-2.1**  
P2216

PERMIT SET	6/2/2026
REVISIONS	
#	DATE

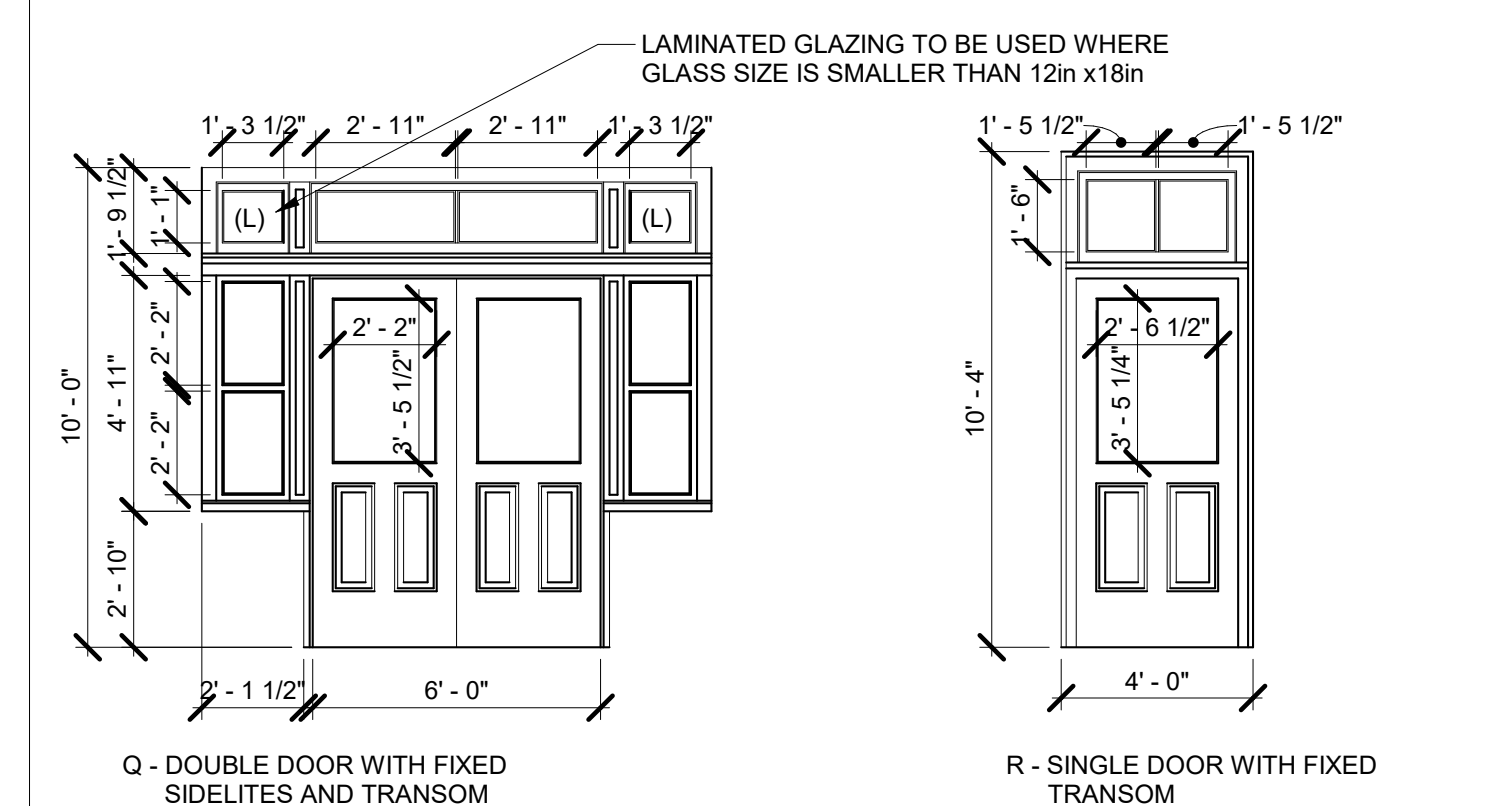
PROJECT ARCHITECT	
PROJECT MANAGER	
DRAWN	Author

<b>WINDOW AND DOOR SCHEDULE</b>
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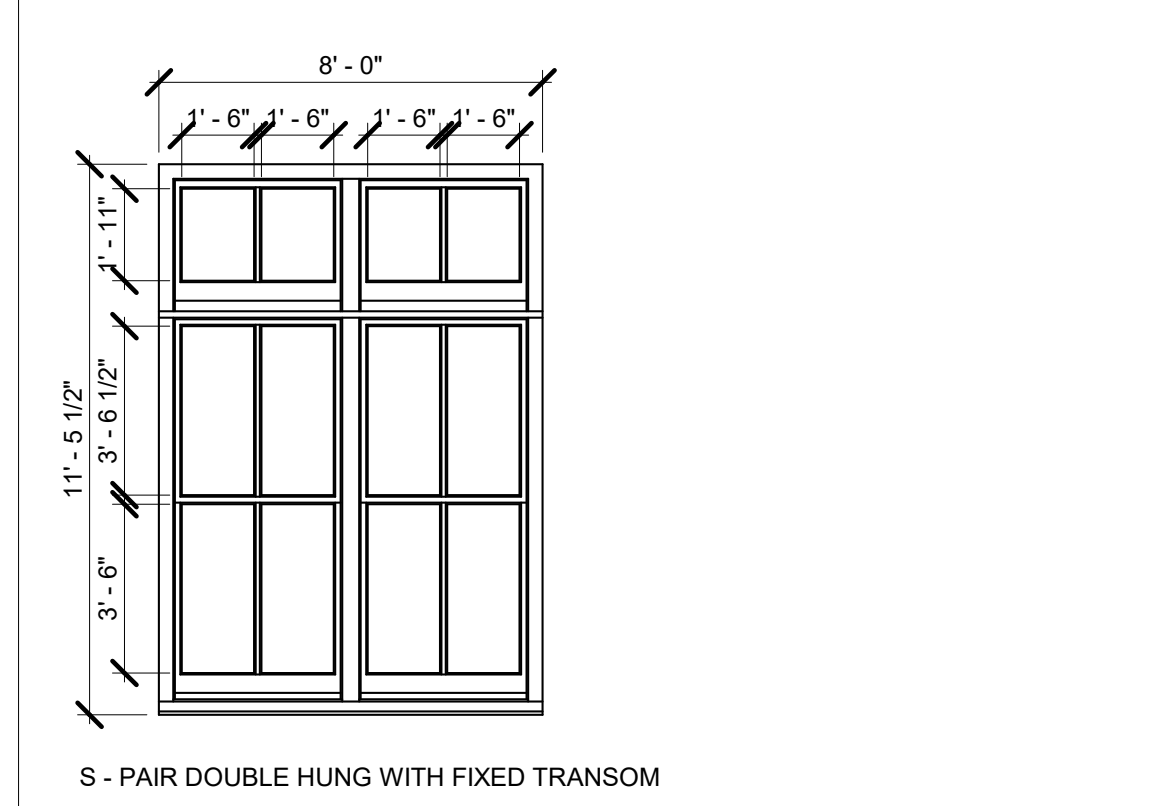
**BASE BID: 1913 WOOD WINDOWS**



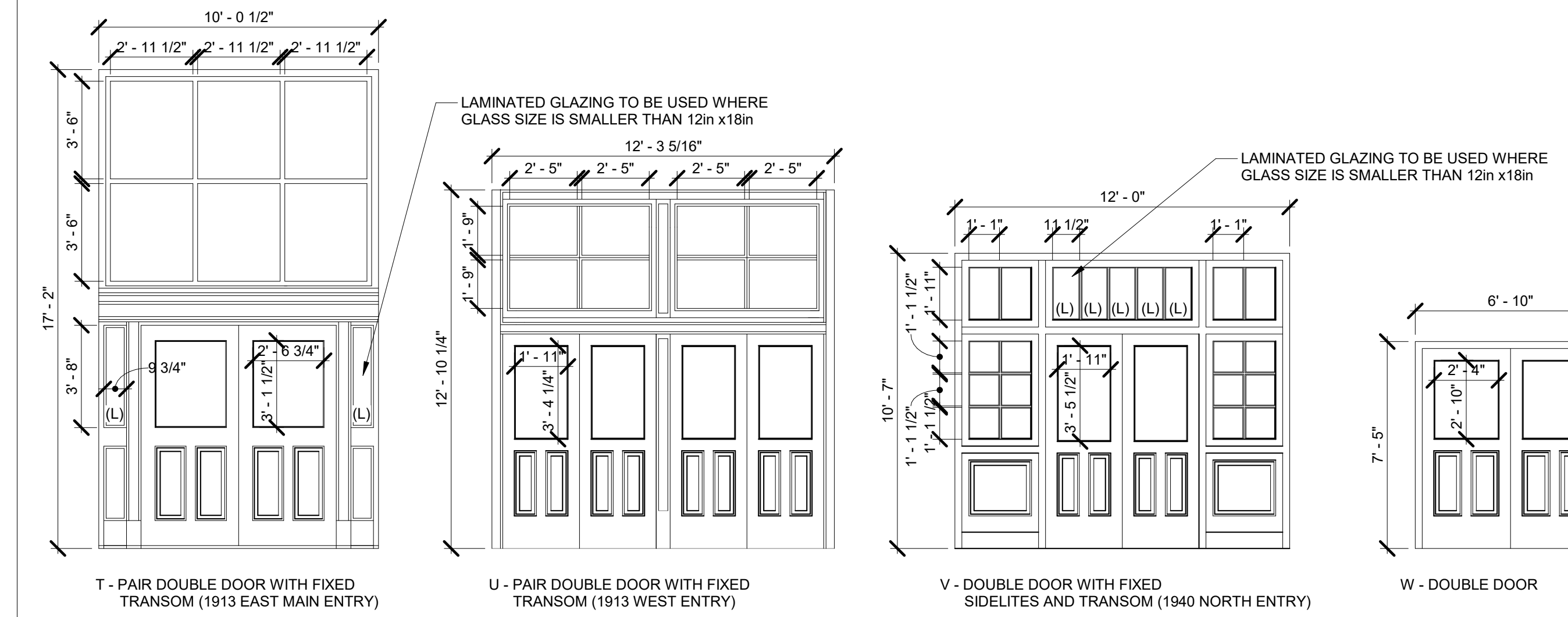
**ALTERNATE-1: 1913 GROUND LEVEL WOOD DOORS AND WINDOWS**



**ALTERNATE-2: 1940 WOOD WINDOWS**

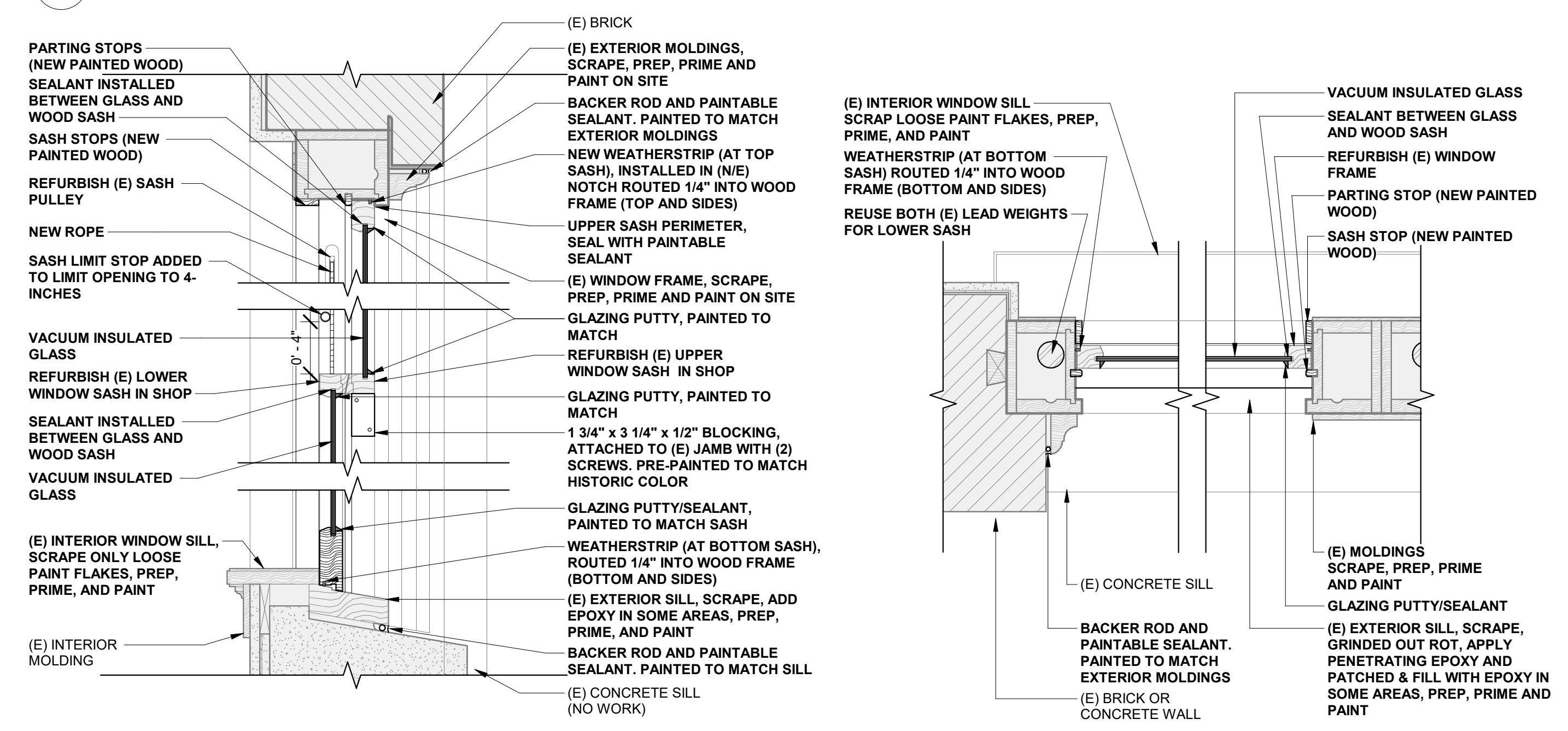


**ALTERNATE-3: REMAINING 1913 & 1940 WOOD DOORS AND WINDOWS**

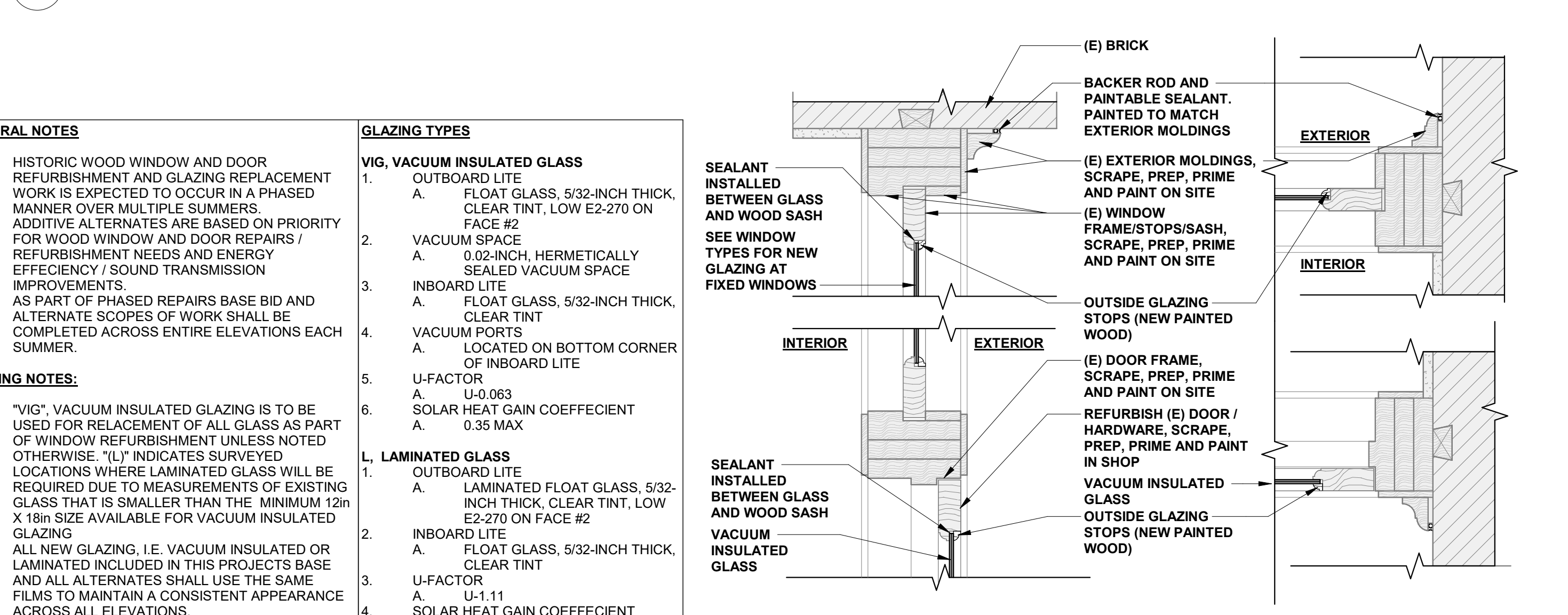


**1 WINDOW TYPES**

**2 1913 WIN. TYP. DETAILS**



**3 1940 WIN. TYP. DETAILS**



**4 FIXED WIN & DOOR. TYP. DETAIL**



GENERAL NOTES	GLAZING TYPES
1. HISTORIC WOOD WINDOW AND DOOR REFURBISHMENT AND GLAZING REPLACEMENT WORK IS EXPECTED TO OCCUR IN A PHASED MANNER OVER MULTIPLE SUMMERS. ADDITIVE ALTERNATES ARE BASED ON PRIORITY FOR WOOD WINDOW AND DOOR REPAIRS / REFURBISHMENT NEEDS AND ENERGY EFFICIENCY / SOUND TRANSMISSION IMPROVEMENTS.	<b>VIG, VACUUM INSULATED GLASS</b>
2. AS PART OF PHASED REPAIRS BASE BID AND ALTERNATE SCOPES OF WORK SHALL BE COMPLETED ACROSS ENTIRE ELEVATIONS EACH SUMMER.	1. OUTBOARD LITE A. FLOAT GLASS, 5/32-INCH THICK, CLEAR TINT, LOW E2-270 ON FACE #2
	2. VACUUM SPACE A. 0.02-INCH, HERMETICALLY SEALED VACUUM SPACE
	3. INBOARD LITE A. FLOAT GLASS, 5/32-INCH THICK, CLEAR TINT
	4. VACUUM PORTS A. LOCATED ON BOTTOM CORNER OF INBOARD LITE
	5. U-FACTOR A. U-0.063
	6. SOLAR HEAT GAIN COEFFICIENT A. 0.35 MAX
	<b>L. LAMINATED GLASS</b>
	1. OUTBOARD LITE A. LAMINATED FLOAT GLASS, 5/32-INCH THICK, CLEAR TINT, LOW E2-270 ON FACE #2
	2. INBOARD LITE A. FLOAT GLASS, 5/32-INCH THICK, CLEAR TINT
	3. U-FACTOR A. U-1.11
	4. SOLAR HEAT GAIN COEFFICIENT A. 0.35 MAX
<b>GLAZING NOTES:</b>	
1. *VIG*: VACUUM INSULATED GLAZING IS TO BE USED FOR REPLACEMENT OF ALL GLASS AS PART OF WINDOW REFURBISHMENT UNLESS NOTED OTHERWISE. "(L)" INDICATES SURVEYED LOCATIONS WHERE LAMINATED GLASS WILL BE REQUIRED DUE TO MEASUREMENTS OF EXISTING GLASS THAT IS SMALLER THAN THE MINIMUM 12in X 18in SIZE AVAILABLE FOR VACUUM INSULATED GLAZING	
2. ALL NEW GLAZING, I.E. VACUUM INSULATED OR LAMINATED INCLUDED IN THIS PROJECTS BASE AND ALL ALTERNATES SHALL USE THE SAME FILMS TO MAINTAIN A CONSISTENT APPEARANCE ACROSS ALL ELEVATIONS.	
3. GLAZING SIZES INDICATED ARE APPROXIMATE, +/- 1/4-INCH; CONTRACTOR SHALL ASSUME VARIATIONS OCCUR BETWEEN SIMILAR WINDOWS AND FIELD / SHOP VERIFY ALL SASH SIZES FOR NEW GLAZING.	

MOCK-UP WINDOW







### Reading Comprehension Strategies

- \* Rereading
- \* Asking questions
- \* Make inferences
- \* Making predictions
- \* Visualizing

MOCK-UP WINDOW

### Punctuation

- Period: tells you when it's the end of a sentence. Example: Luciano likes brunnet Dom also like it.
- Question Mark: end of sentence that asks. Example: Does Aries like fishing? What happened Rye?
- Exclamation Point: ends a sentence with strong feeling. Example: Fiddlesticks! It's a PlayStation!
- Comma:
  - \* in dialogue: "Okno," she said.
  - \* in between sentences with a conjunction: "I like it, but I don't like it."
  - \* listing > 2 things: Jeno likes sushi, ice cream, tacos, and pizza.
- Quotation marks:
  - \* dialogic: "I will not work for you."
  - \* titles: "I am I'm"
- Apostrophe:
  - \* contractions: "I am" → "I'm"
  - \* ownership: "Rex's hat"



