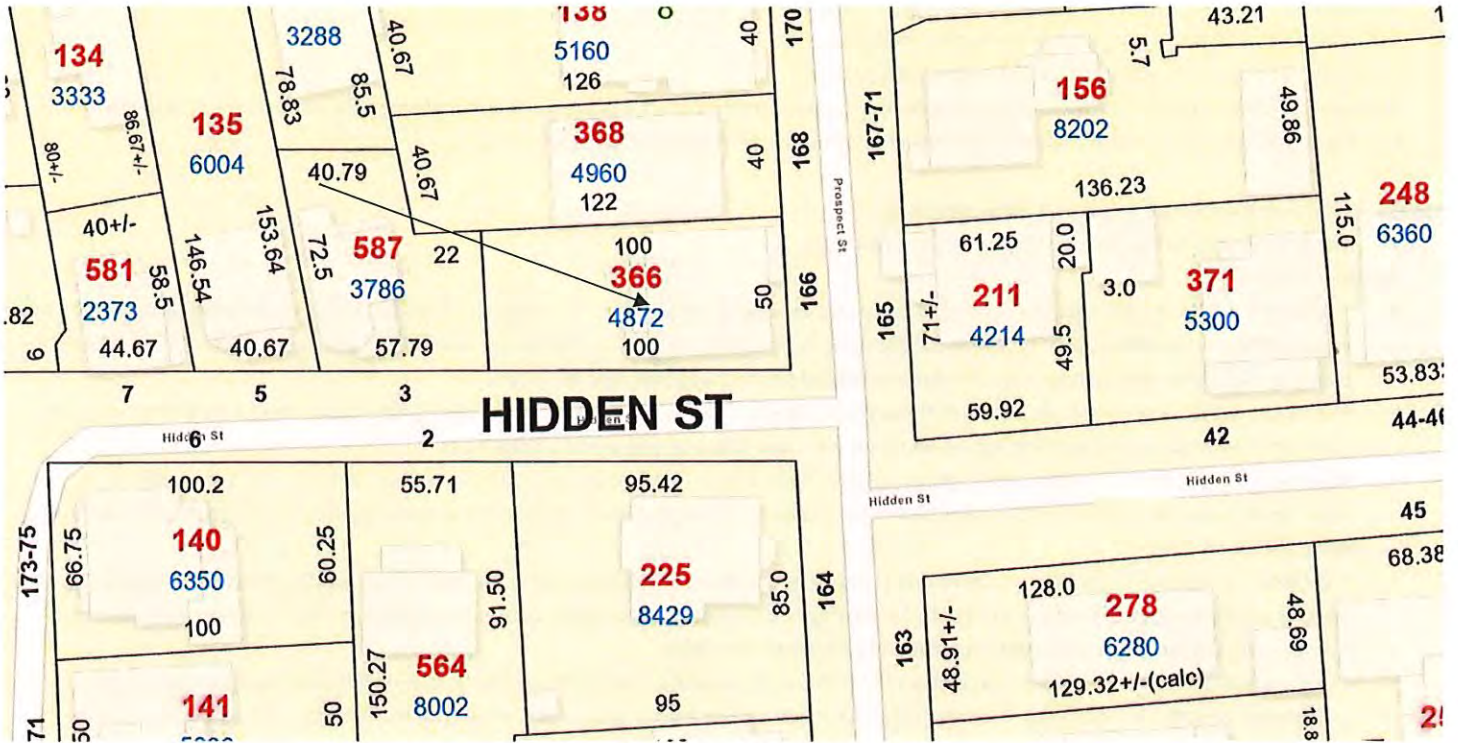


6. CASE 24.049, 12 OLIVE STREET, House, post1895 (COLLEGE HILL)

2½-stories; end gable; siding; broad five-bay house with center entry with transom; Two-story L behind; stripped. Built as an orphanage for black children.

CONTRIBUTING



Arrow indicates 12 Olive Street



Arrow indicates project location, looking north.

Applicant/Owner: Chabad of College Hill Inc., 12 Olive Street, Providence, RI 02906  
Architect: Union Studio Architecture & Community Design, 130 Mathewson Street #201, Providence, RI 02903

Proposal: The scope of work proposed consists of Major Alterations and includes:

- the removal of 70 existing windows and installation of insulated replacement windows;
- the installation of three window wells and egress windows;
- the conversion of a window to a door with egress stairs; and,
- Remove the existing centralized existing brick masonry chimney and construct a new non-functional wood-framed chimney clad with reclaimed thin brick veneer to match the existing chimney in size, form and overall proportions.

Issues: The following issues are relevant to this application:

- The following form the Architect's Narrative (attached):

**Window Replacement**

- The Owner would like to replace a total of seventy (70) existing window sashes throughout the entire building and replace them with new energy efficient traditional painted wood double-hung replacement windows. The Owner would like to replace a total of nine (9) existing basement windows with new energy efficient traditional painted wood awning windows.
- The Owner would like to remove a total of three (3) basement windows, enlarge the existing openings and install new energy efficient traditional painted wood casement egress windows with new below grade window area wells.
- The Owner would like to remove a total of one (1) first floor window located at the northwest corner of the building and infill such opening with new painted beadboard and perimeter moulding to match two existing window openings which are currently closed in the same manner.
- The Owner would like to remove a total of one (1) existing basement window on the north side of the building in its entirety and close the existing opening with brick veneer to match the existing brick veneer. This window occurs below / underneath the new exterior wood-framed stair and landing mentioned below and will no longer be visible.
- Two (2) existing round top specialty windows will remain in place and will be restored. The locations of these windows are indicated on the exterior elevations included in the submission package, one located in a small dormer at the main (high) roof on the east side of the building and one located in the stairwell sidewall bump-out on the west side of the building.

**Window Evaluation:**

- As they stand most of the existing windows are in fair to poor condition due to lack of maintenance over time. The existing windows are a mix of what seem to be original windows with wood sashes, single pane glass and true divided lites and well a modern replacement type windows with grilles between the glass. Most first, second and third floor windows are covered by exterior mounted aluminum storm windows of various types and finishes, most of which are dated, damaged and in disrepair due to lack of maintenance over time.
- Window Sash and Window Unit Replacement Outline

- Due to the significant quantity of poorly maintained, damaged and nonfunctional windows in the subject building, the Owner would like to replace all existing window units in an effort to improve overall energy efficiency, provide improved window functionality to allow for ease of operation, allow for a greater level of safety for the children residing in the home and to eliminate potential lead exposure. New replacement windows will be Pella Reserve Traditional Precision-fit wood double-hung windows with 7/8" solid wood simulated divided lites (SDLs), clear insulated exterior mounted classic triple track aluminum storm window units. Refer to submission package for window product data.
- New basement window units will be Pella Reserve Traditional wood awning windows with 7/8" solid wood simulated divided lites (SDLs), clear insulated glass, painted 1-7/8" wood brickmould trim and painted wood subsills. Refer to submission package for window product data.
- New basement egress window units will be Pella Reserve Traditional wood casement windows with 7/8" solid wood simulated divided lites (SDLs), clear insulated glass, painted 1-7/8" wood brickmould trim and painted wood subsills. Refer to submission package for window product data.

- All new windows will match the original windows in design, dimensions, configuration and number of panes. All existing window opening dimensions will remain the same, with no changes proposed. All existing wood window frames will be maintained in place and intact with existing wood stops removed to facilitate the installation of new replacement window units. All window panes, grid patterns and lite configurations will be documented and mimicked in the new replacement window units. All new interior and exterior window muntins will be painted solid wood and will be 7/8" to match existing.
- All window units will receive a paint finish to match the existing window units and sashes proposed for removal.



#### Exterior Door Replacement and Installation

- The Owner would like to remove the two (2) existing damaged and deteriorated wood doors and associated aluminum storm doors located at the first-floor terrace on the front (south) side of the building and replace such doors with new painted solid wood exterior doors with glass lites. The new doors will be of the same type, style, and size as the existing doors proposed for removal. The new doors will be completely weather-stripped/weather sealed.
- The Owner would like to remove two (2) existing windows at the rear (north) side of the building, which is not at all visible from the street, enlarge the overall height of the existing brick masonry opening, extending it down to the existing first floor level and install a new painted solid wood exterior door with glass lite and matching side-lite. Additionally, a new wood-framed exterior deck with landing will be constructed at this new door opening to provide access from existing grade up to the first-floor level. The new stair and landing will be constructed using nominal 2x pressure treated wood framing lumber, supported on concrete footings buried below grade and will be clad with painted wood trim, painted square western red cedar lattice panels and 1x4 picture-framed mahogany decking and stair treads. A new historic profile structurally reinforced exterior PVC railing system consisting of newel posts, newel caps, base trim, top rails, bottom rails, and 1-1/4" square balusters will encompass the stair as well as the landing, providing code-compliant safety measures.

#### Exterior Stucco Finishes

- The Owner would like to repair and refinish the exterior poorly maintained exterior stucco finishes in kind. No change in exterior color is proposed, all stucco surfaces will be refinished to match the existing stucco finish color.

#### Existing Exterior Wood Trim

- The Owner would refurbish all existing poorly maintained and weathered exterior wood trim by coating such trim with new paint finishes. No change in exterior color is proposed, all trim will be painted to match the existing trim color. Any existing wood trim found deteriorated will be replaced in kind.

#### Chimney Construction

- There are a total of three (3) existing chimneys associated with the subject building. The Owner would like to demolish the existing centrally located brick masonry chimney which is not directly visible from the street and replace it with a new wood-framed chimney of the same size, shape, and proportions of the existing chimney. The new chimney will be clad with reclaimed thin brick veneer and topped with a new architectural cast stone chimney cap that matches the existing chimney cap. The new chimney will be non-functional and decorative only.

Conclusion it is our contention that the proposed scope of work maintains the existing historic character of the subject building and in no way detracts from the original design intent or historic characteristics of the building. All new windows and exterior doors will generally function in the same manner as the existing units being replaced, but also work to improve overall building energy performance and safety throughout the building and work to provide greatly improved functionality;

- The house is a multi-family and is required to obtain a lead-safe certificate for compliance with RIGL § 42-128.1-8; and,
- An architect's narrative, plans and photos have been submitted.

**Recommendations:** The staff recommends the PHDC make the following findings of fact:

- a) 12 Olive Street is a structure of historical and architectural significance that contribute to the significance of the College local historic district, having been recognized as a contributing structure to the College Hill National Register Historic District;
- b) The application for Major Alterations is considered complete; and,
- c) The work as proposed is in accord with PHDC Standards 2 & 8 as follows: the proposed alterations are appropriate having determined that the proposed construction will be similar in size and appearance to the existing, matching in visual features (Standard 2) and is architecturally and historically compatible with the property and district having an appropriate size, scale and form that while diminishing the historic quality of the property will not have an adverse effect on the property or district (Standard 8) while allowing the property to come into compliance with RIGL § 42-128.1-8.

**Staff recommends a motion be made stating that:** The application is considered complete. 12 Olive Street is a structure of historical and architectural significance that contribute to the significance of the College Hill local historic district, having been recognized as a contributing structure to the College Hill National Register Historic District. The Commission grants Final Approval of the proposal as submitted having determined that the proposed alterations are appropriate as the proposed alterations will be similar in size and appearance to the existing, matching in visual features (Standard 2) and architecturally and historically compatible with the property and district having an appropriate size, scale and form that while diminishing the historic quality of the property will not have an adverse effect on the property or district (Standard 8) and allows the property to come into compliance with RIGL § 42-128.1-8, citing and agreeing to the recommendations in the staff report, with staff to review any additional required details.







# UNION

RE: Providence Historic District Commission (PHDC) Submission  
PROJECT: Chabad of College Hill  
ADDRESS: 12 Olive Street, Providence, RI 02906  
SUBMITTED: Filed electronically via Email

*May 06, 2024 Submission*

## PROPOSED SCOPE OF WORK NARRATIVE

### Window Replacement

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- The Owner would like to replace a total of nine (9) existing basement windows with new energy efficient traditional painted wood awning windows.
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### Window Evaluation

- As they stand most of the existing windows are in fair to poor condition due to lack of maintenance over time. The existing windows are a mix of what seem to be original windows with wood sashes, single pane glass and true divided lites and well a modern replacement type windows with grilles between the glass.
- Most first, second and third floor windows are covered by exterior mounted aluminum storm windows of various types and finishes, most of which are dated, damaged and in disrepair due to lack of maintenance over time.

### Window Sash and Window Unit Replacement Outline

- Due to the significant quantity of poorly maintained, damaged and nonfunctional windows in the subject building, the Owner would like to replace all existing window units in an effort to improve overall energy efficiency, provide improved window functionality to allow for ease of operation, allow for a greater level of safety for the children residing in the home and to eliminate potential lead exposure.



# UNION

- New replacement windows will be Pella Reserve Traditional Precision-fit wood double-hung windows with 7/8" solid wood simulated divided lites (SDLs), clear insulated glass and new prefinished exterior mounted classic triple track aluminum storm window units. Refer to submission package for window product data.
- New basement window units will be Pella Reserve Traditional wood awning windows with 7/8" solid wood simulated divided lites (SDLs), clear insulated glass, painted 1-7/8" wood brickmould trim and painted wood subsills. Refer to submission package for window product data.
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- All window units will receive a paint finish to match the existing window units and sashes proposed for removal.

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# UNION

## Existing Exterior Wood Trim

- The Owner would refurbish all existing poorly maintained and weathered exterior wood trim by coating such trim with new paint finishes.
  - No change in exterior color is proposed, all trim will be painted to match the existing trim color.
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## Chimney Construction

- There are a total of three (3) existing chimneys associated with the subject building. The Owner would like to demolish the existing centrally located brick masonry chimney which is not directly visible from the street and replace it with a new wood-framed chimney of the same size, shape, and proportions of the existing chimney. The new chimney will be clad with reclaimed thin brick veneer and topped with a new architectural cast stone chimney cap that matches the existing chimney cap. The new chimney will be non-functional and decorative only.

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## **End of Narrative**

UNION





# Chabad House of College Hill

*12 Olive Street*

*City of Providence, Rhode Island*

**PROVIDENCE HISTORIC DISTRICT  
COMMISSION APPLICATION**

*May 06, 2024*



Places of Value. *Value of Place.*

(401) 272-4724 | [unionstudioarch.com](http://unionstudioarch.com)

# Chabad House of College Hill

*Providence, Rhode Island*



REPRESENTATIVE STREET-FACING EXTERIOR IMAGE

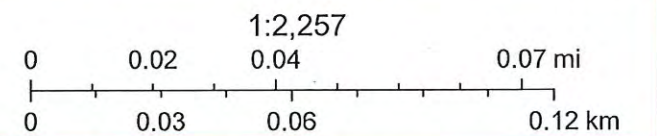
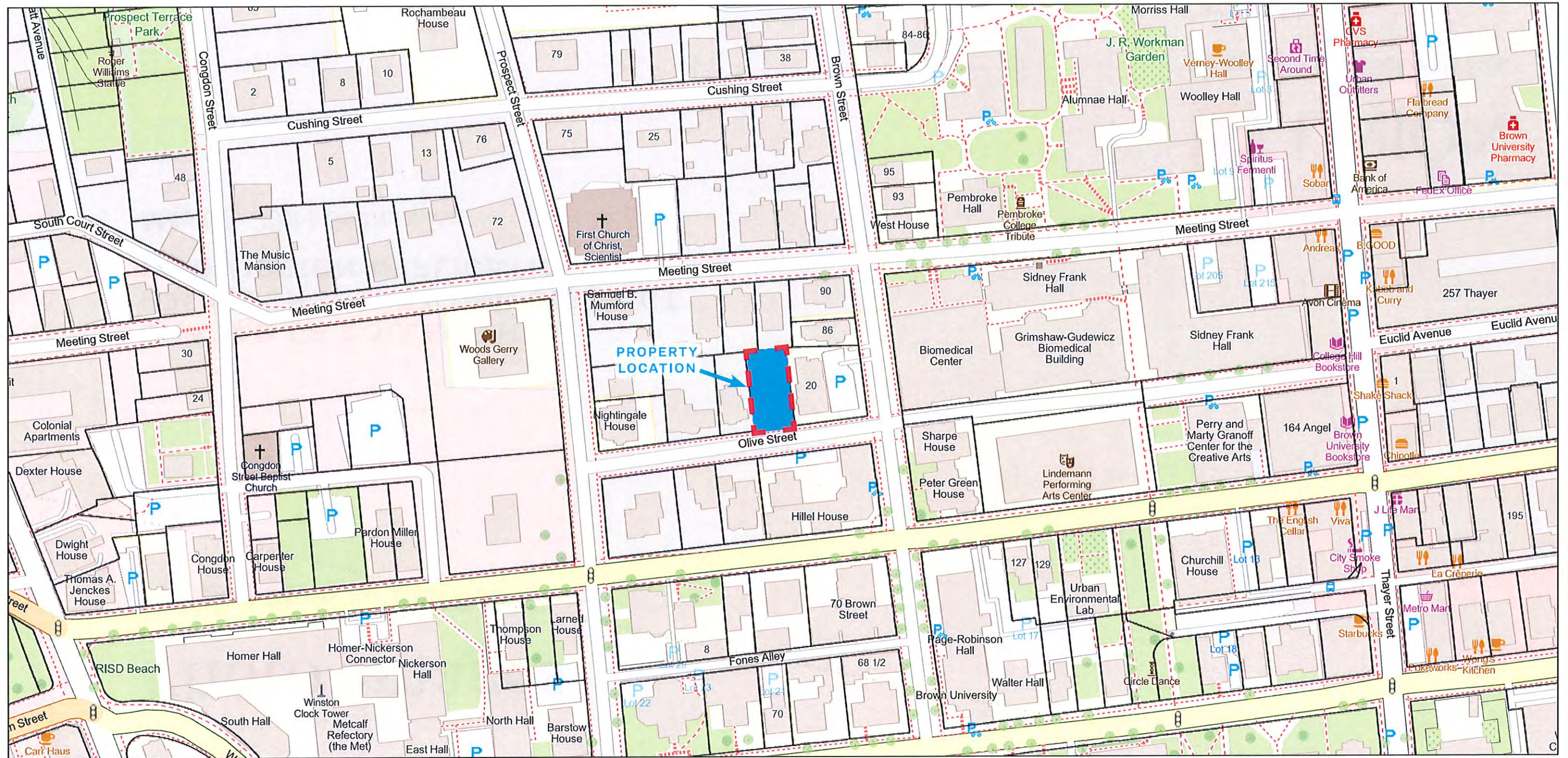


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Providence, RI | Philadelphia, PA





# Chabad House of College Hill

PROJECT LOCATION MAP  
MAY 06, 2024 SUBMISSION





# Photo Images

*Existing Building Exterior*

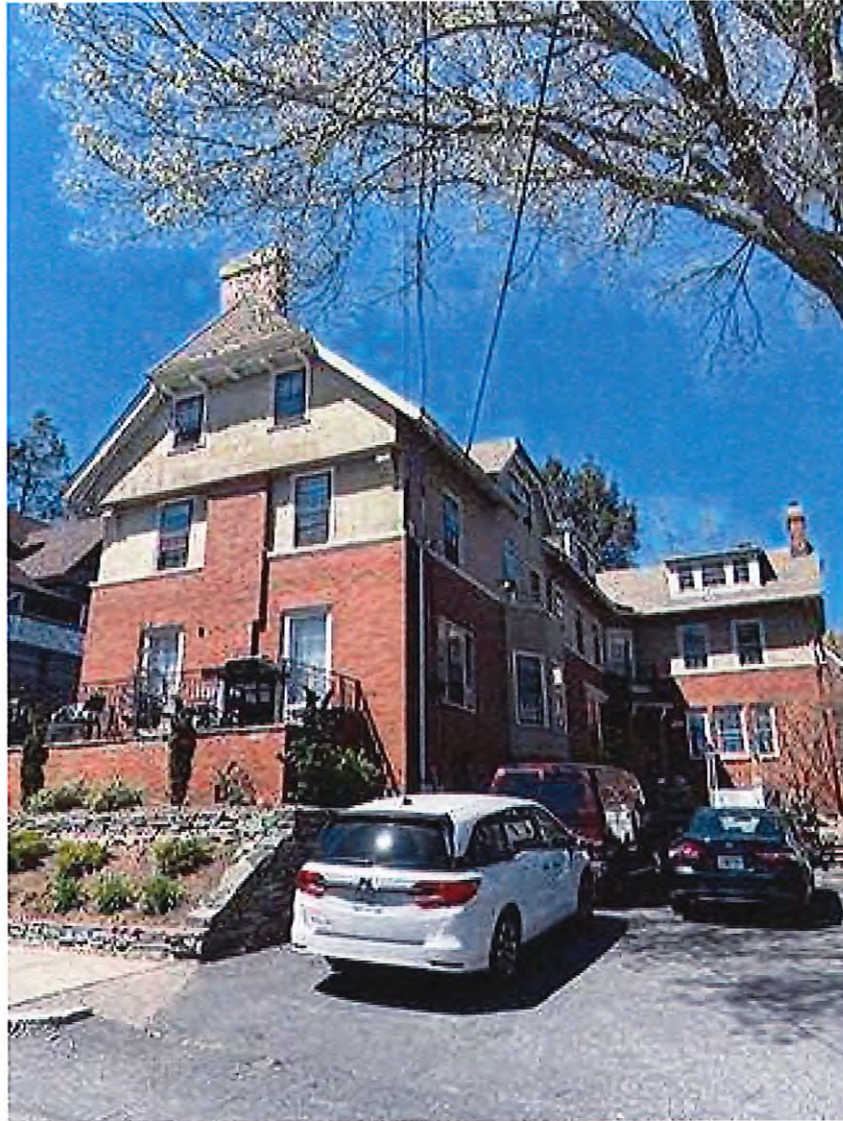
CHABAD OF COLLEGE HILL  
PROVIDENCE HISTORIC DISTRICT  
COMMISSION APPLICATION  
May 06, 2024 Submission



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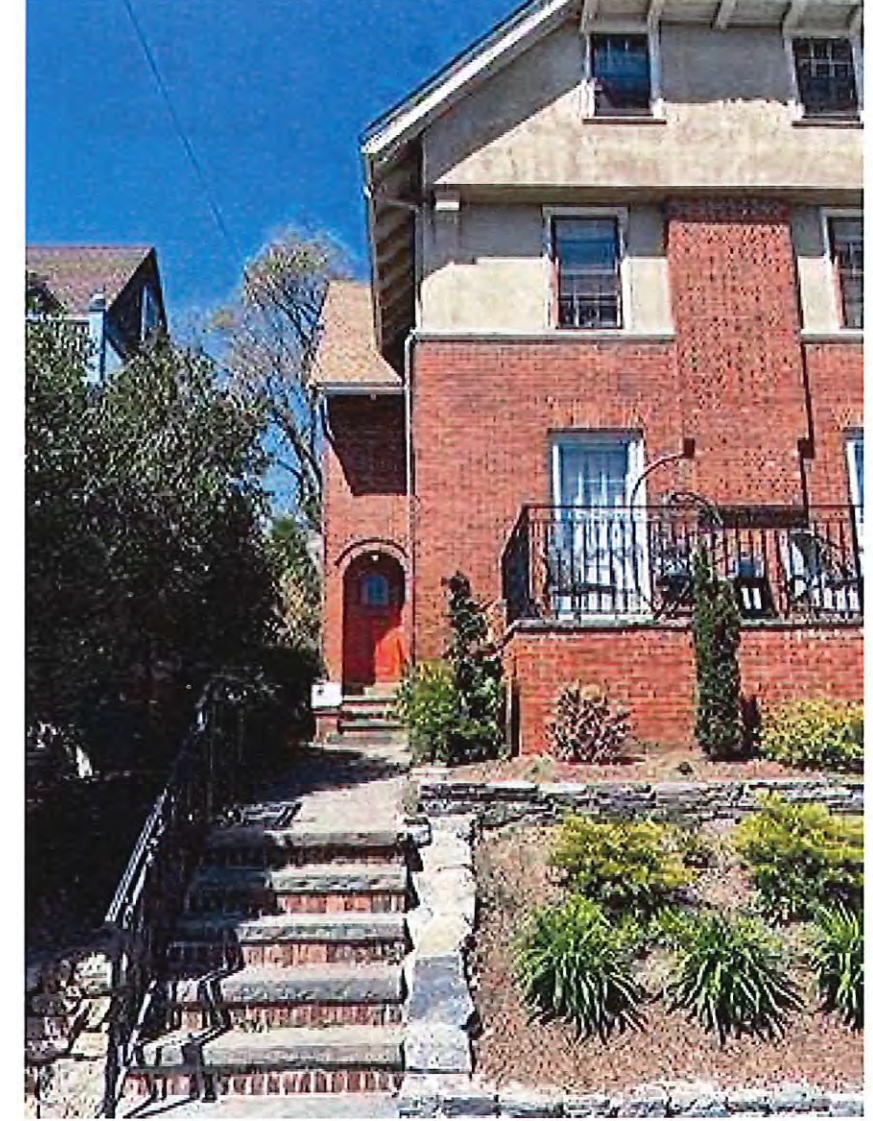
EX1a

SOUTH (FRONT) SIDE EXTERIOR ELEVATION



EX1b

SOUTH (FRONT) SIDE EXTERIOR ELEVATION



EX1c

SOUTH (FRONT) SIDE EXTERIOR ELEVATION

**PHOTO EXHIBIT EX1**

**Chabad House of College Hill**

**BUILDING EXTERIOR PHOTO IMAGES - SOUTH (FRONT) SIDE EXISTING CONDITIONS**  
MAY 06, 2024 SUBMISSION

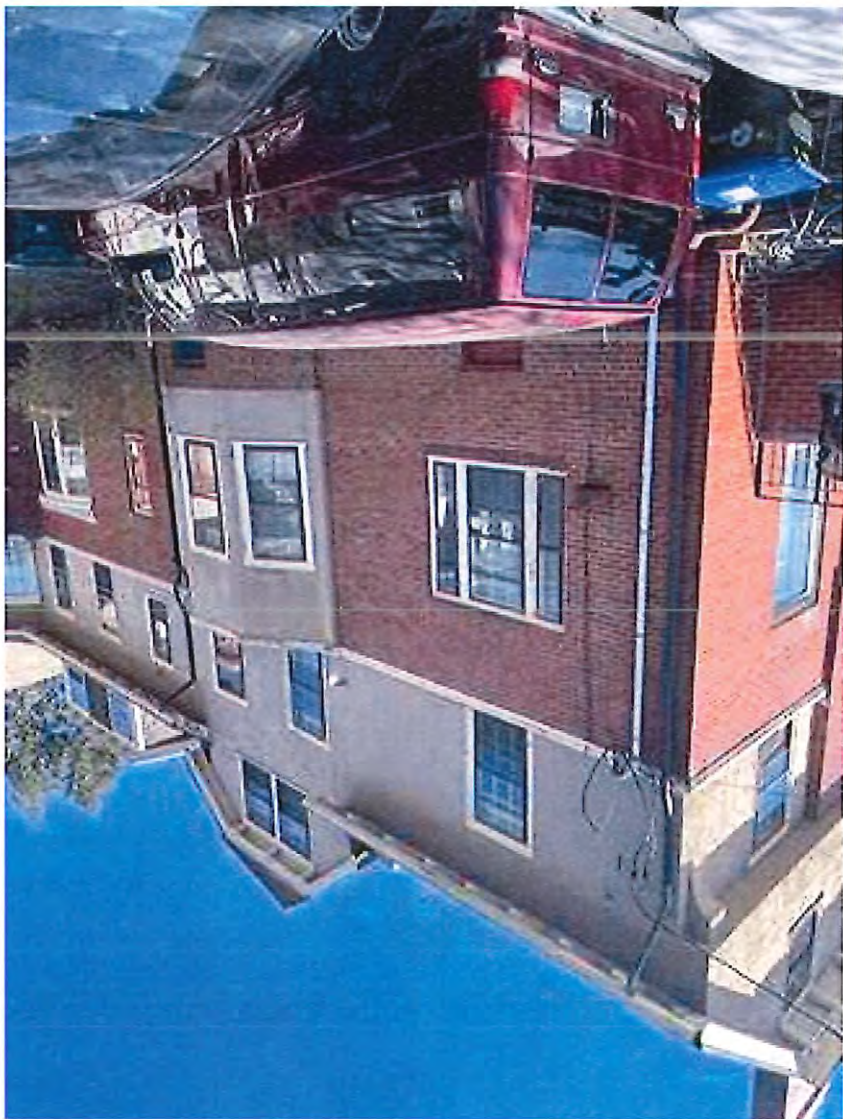


# Chabad House of College Hill

## PHOTO EXHIBIT EX2

EAST (RIGHT) SIDE EXTERIOR ELEVATION

EX2a



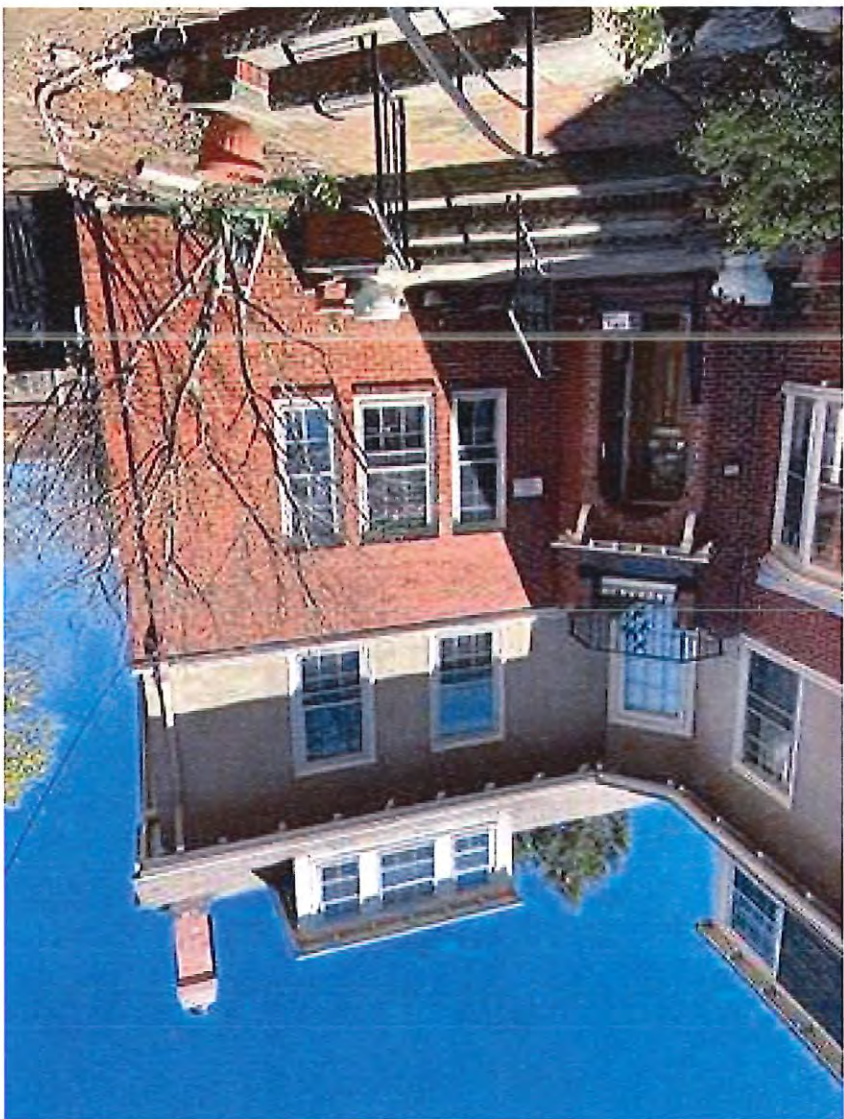
EAST (RIGHT) SIDE EXTERIOR ELEVATION

EX2b



EAST (RIGHT) SIDE EXTERIOR ELEVATION

EX2c







EX3a

NORTH (REAR) SIDE EXTERIOR ELEVATION



EX3b

NORTH (REAR) SIDE EXTERIOR ELEVATION



EX3c

NORTH (REAR) SIDE EXTERIOR ELEVATION  
LOOKING SOUTH ALONG WEST SIDE OF BUILDING

**PHOTO EXHIBIT EX3**

**Chabad House of College Hill**

**BUILDING EXTERIOR PHOTO IMAGES - NORTH (REAR) SIDE EXISTING CONDITIONS**  
MAY 06, 2024 SUBMISSION





# Chabad House of College Hill

## PHOTO EXHIBIT EX4

WEST (LEFT) SIDE EXTERIOR ELEVATION  
NORTHWEST REAR CORNER

EX4a



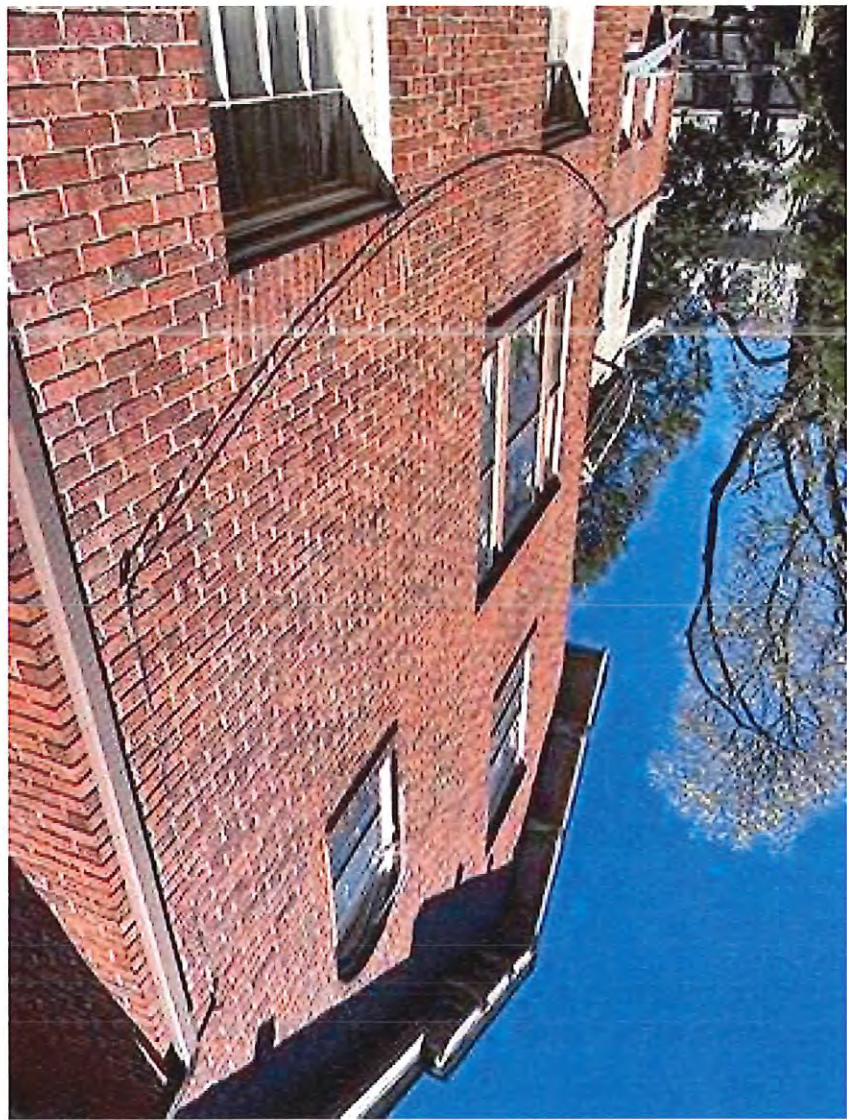
WEST (LEFT) SIDE EXTERIOR ELEVATION

EX4b



WEST (LEFT) SIDE EXTERIOR ELEVATION  
SOUTHWEST FRONT CORNER

EX4c





# Exhibit A

*Building Floor Plans & Exterior Elevations*

**CHABAD OF COLLEGE HILL  
PROVIDENCE HISTORIC DISTRICT  
COMMISSION APPLICATION**

*May 06, 2024 Submission*

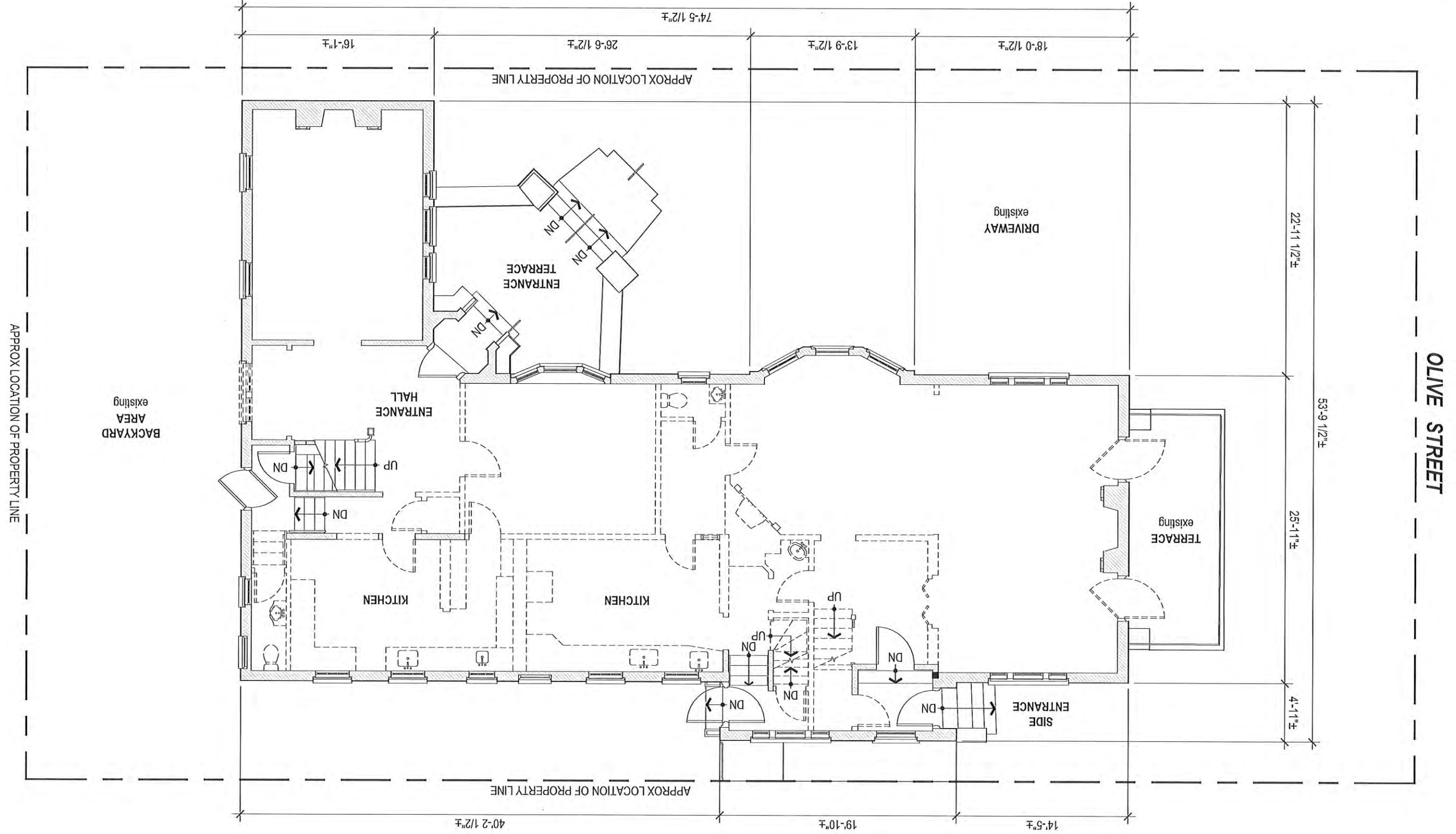


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# Chabad House of College Hill

## EXHIBIT A1









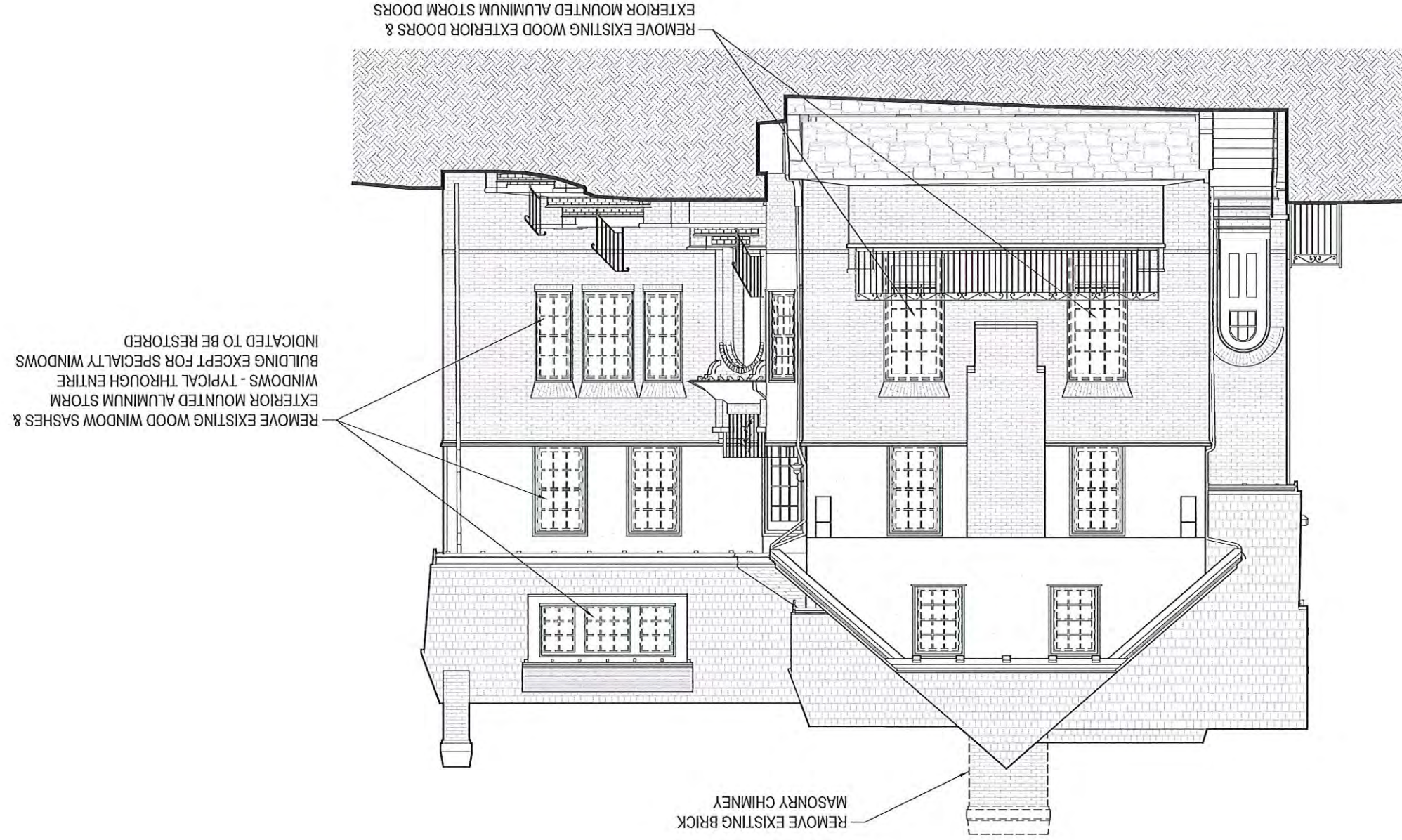


EXISTING SOUTH SIDE (OLIVE STREET) EXTERIOR ELEVATION

# Chabad House of College Hill

## EXHIBIT A3

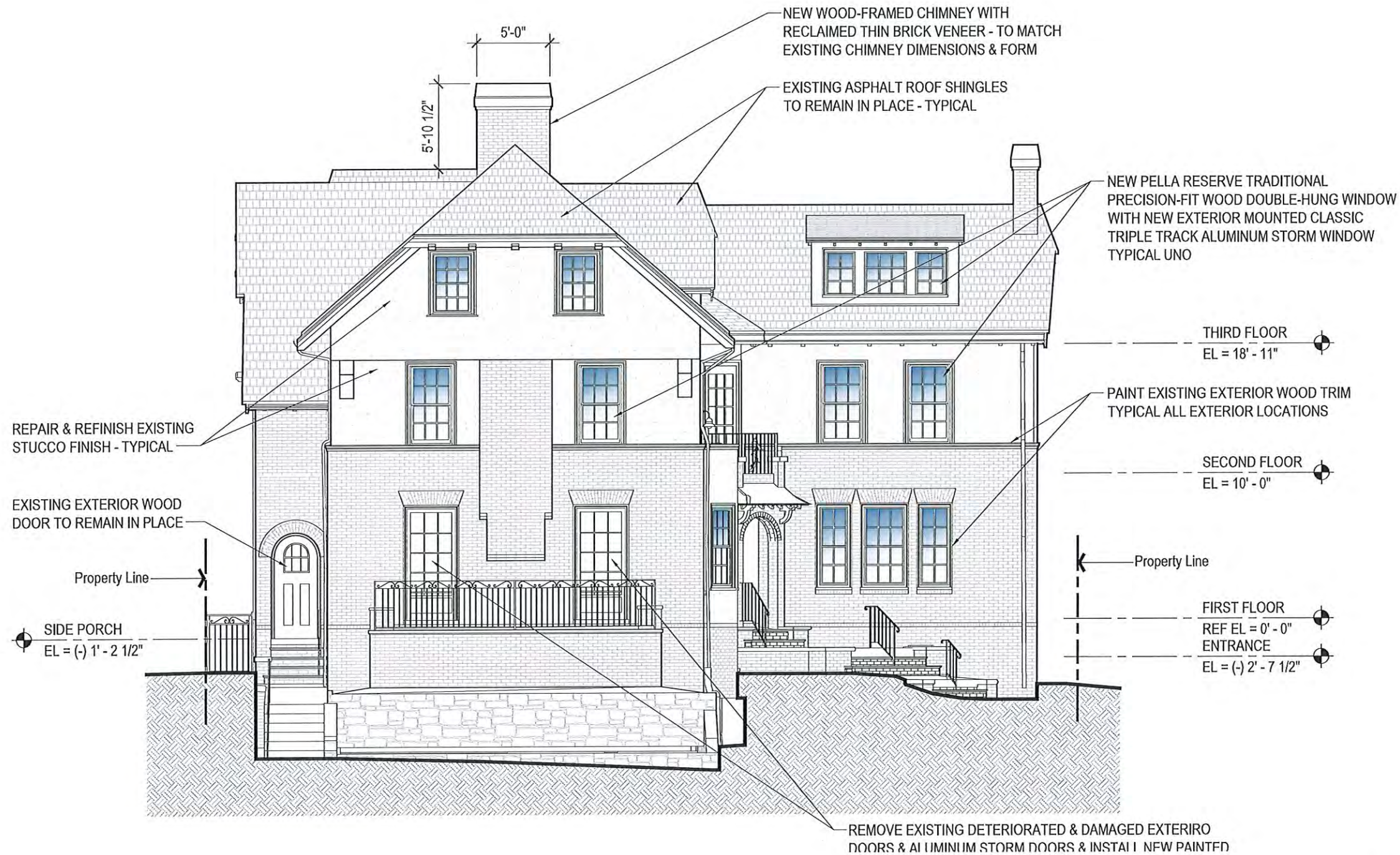
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**PROPOSED EXTERIOR SCOPE OF WORK:**

- REMOVE EXISTING HUNG WINDOWS AND ALUMINUM STORM WINDOWS. INSTALL NEW PELLA RESERVE TRADITIONAL PRECISION-FIT PAINTED WOOD DOUBLE-HUNG WINDOWS NEW EXTERIOR MOUNTED PREFINISHED CLASSIC TRIPLE TRACK ALUMINUM STORM WINDOWS.
- REMOVE EXISTING BRICK MASONRY CHIMNEY AS INDICATED AND CONSTRUCT NEW WOOD-FRAMED CHIMNEY WITH RECLAIMED BRICK VENEER AND CHIMNEY CAP. NEW CHIMNEY TO MATCH EXISTING CHIMNEY FORM, PROPORTIONS AND DIMENSIONS.
- REMOVE TWO (2) EXISTING SOUTH (FRONT) SIDE FIRST FLOOR TERRACE DOORS AND INSTALL NEW PAINTED SOLID WOOD EXTERIOR DOORS TO MATCH EXISTING DOOR TYPE, DIMENSIONS AND PROFILE.
- REPAIR AND REFINISH ALL EXISTING EXTERIOR STUCCO FINISHES. NEW FINISH COLOR TO MATCH EXISTING FINISH COLOR.
- SCRAPE, PREPARE, PRIME AND PAINT ALL EXISTING EXTERIOR WOOD TRIM. NEW PAINT COLOR TO MATCH EXISTING PAINT COLOR.
- REMOVE THREE (3) EXISTING BASEMENT WINDOWS ON NORTH AND WEST SIDES OF BUILDING. ENLARGE EXISTING BASEMENT WALL OPENINGS AND INSTALL NEW WINDOW AREA WELLS AND NEW PELLA RESERVE TRADITIONAL WOOD CASEMENT EGRESS WINDOWS WITH PAINTED 1-7/8" BRICKMOULD TRIM AND PAINTED WOOD SUBSILLS.
- REMOVE EXISTING FIRST FLOOR DOUBLE WINDOW AT NORTH SIDE OF BUILDING, ENLARGE WALL OPENING AND INSTALL NEW PAINTED SOLID WOOD EXTERIOR DOORS WITH GLASS LITE AND ONE (1) MATCHING SIDELITE.
- INSTALL NEW WOOD-FRAMED EXTERIOR DECK AT NEW NORTH SIDE DOOR OPENING WITH 1X4 PICTURE-FRAMED MAHOGANY DECKING, PAINTED WOOD TRIM, PAINTED SQUARE LATTICE PANELS AND PAINTED HISTORIC PROFILE STRUCTURALLY REINFORCED EXTERIOR PVC



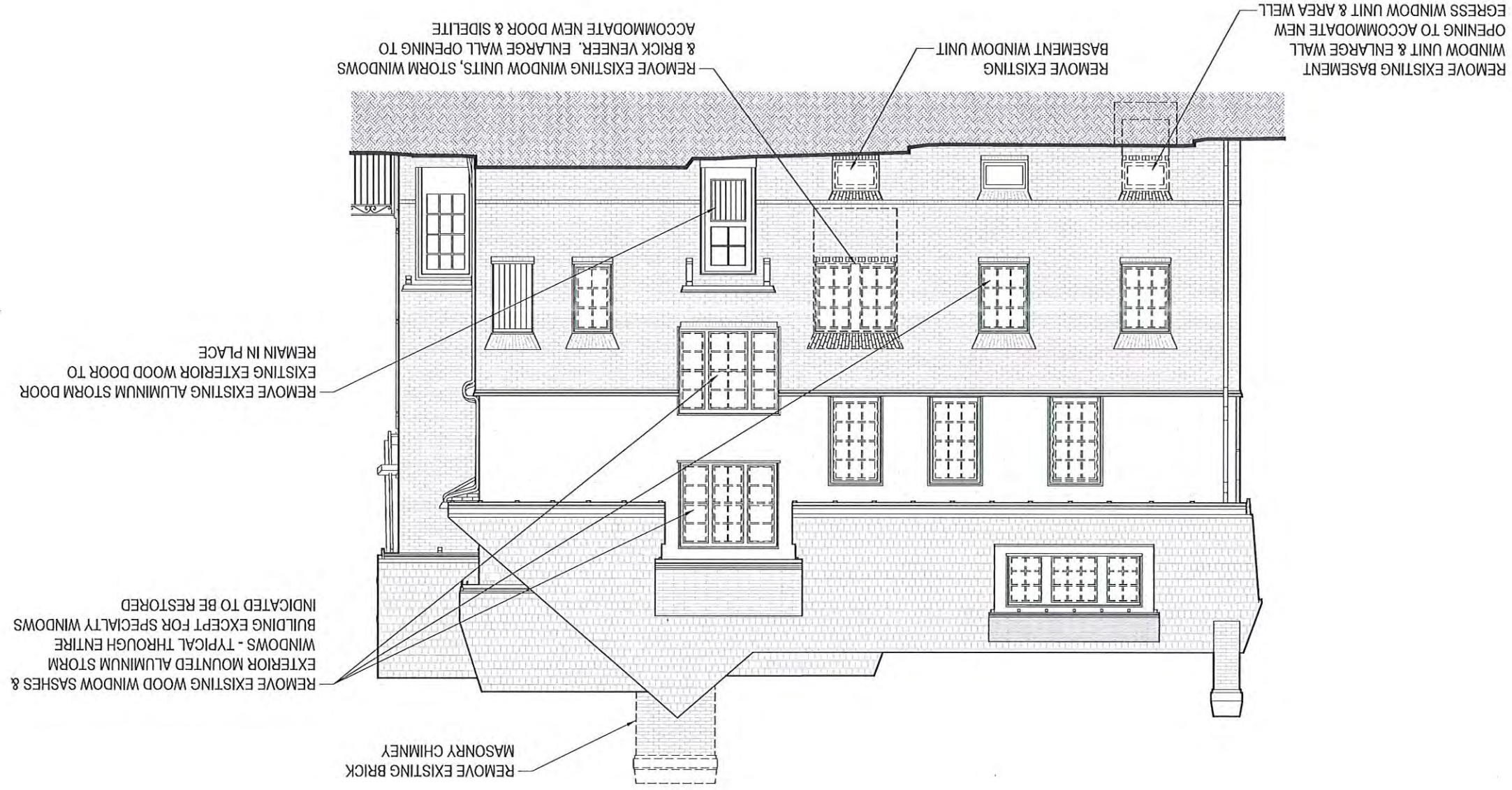
**EXHIBIT A4**

**Chabad House of College Hill**

**PROPOSED SOUTH SIDE (OLIVE STREET) EXTERIOR ELEVATION**  
MAY 06, 2024 SUBMISSION



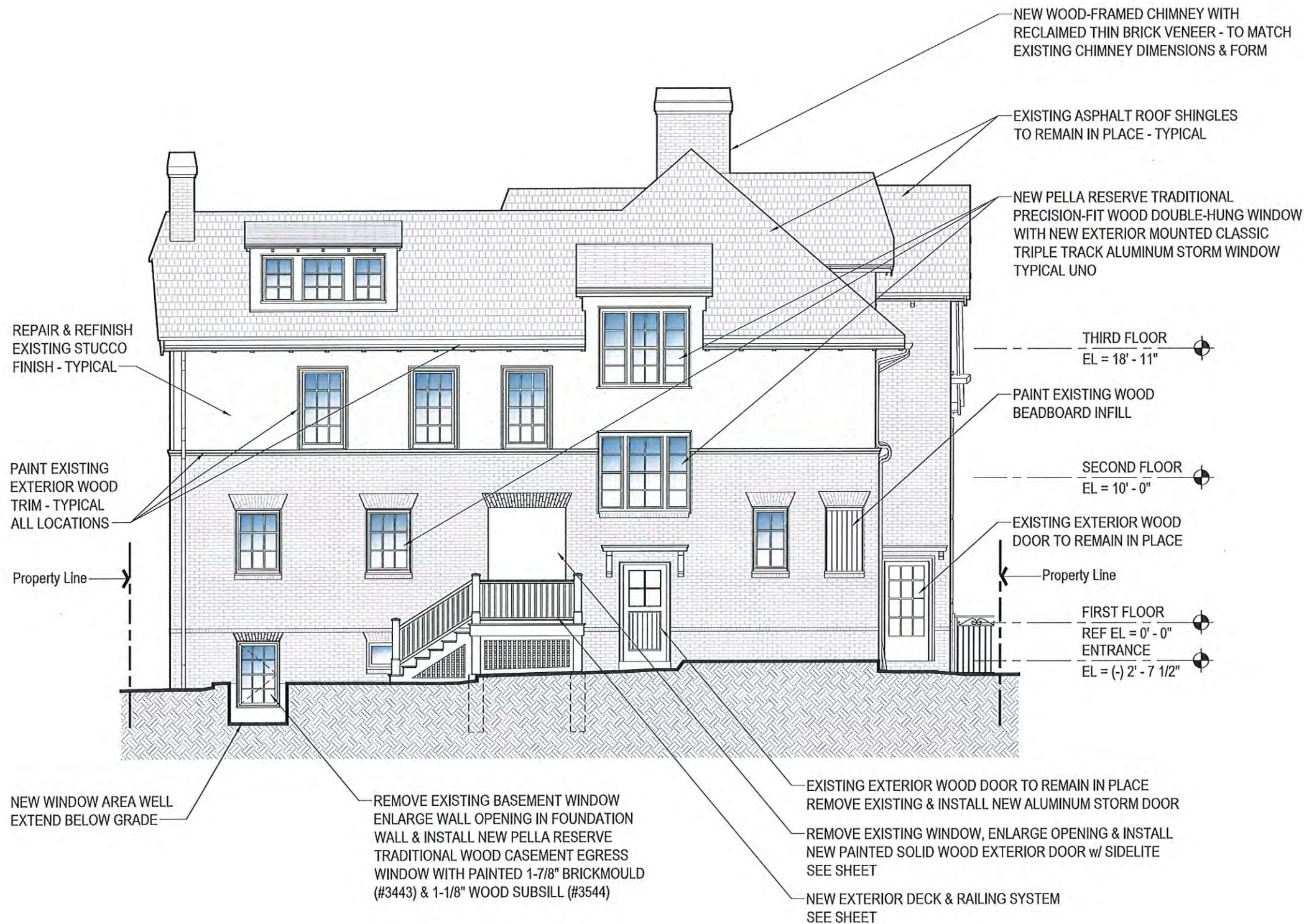






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**EXHIBIT A6**

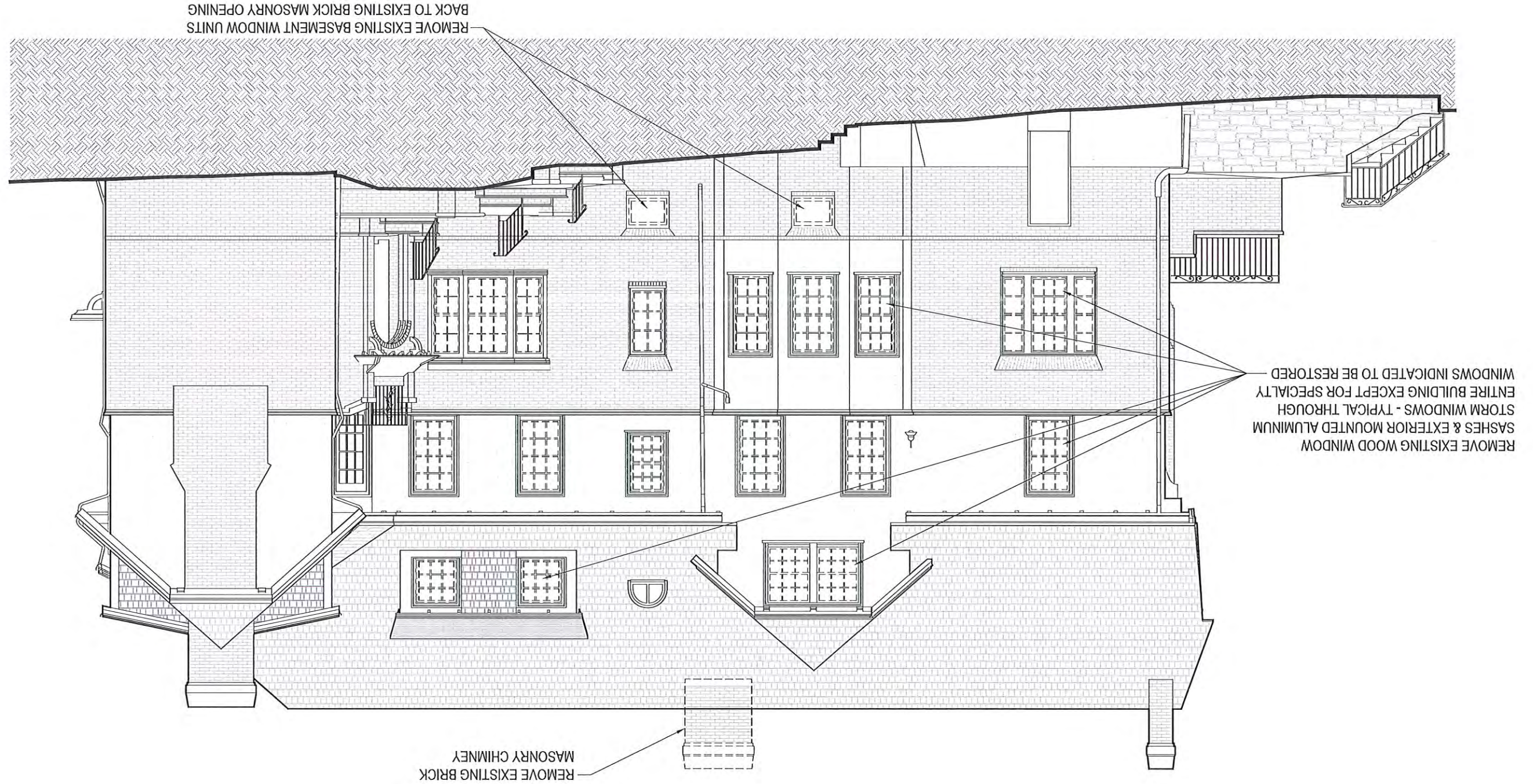
**Chabad House of College Hill**

**PROPOSED NORTH SIDE EXTERIOR ELEVATION**  
MAY 06, 2024 SUBMISSION





SCALE: 1/8"=1'-0"  
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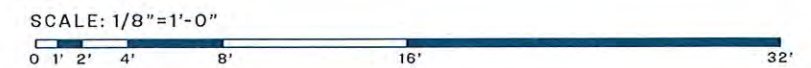






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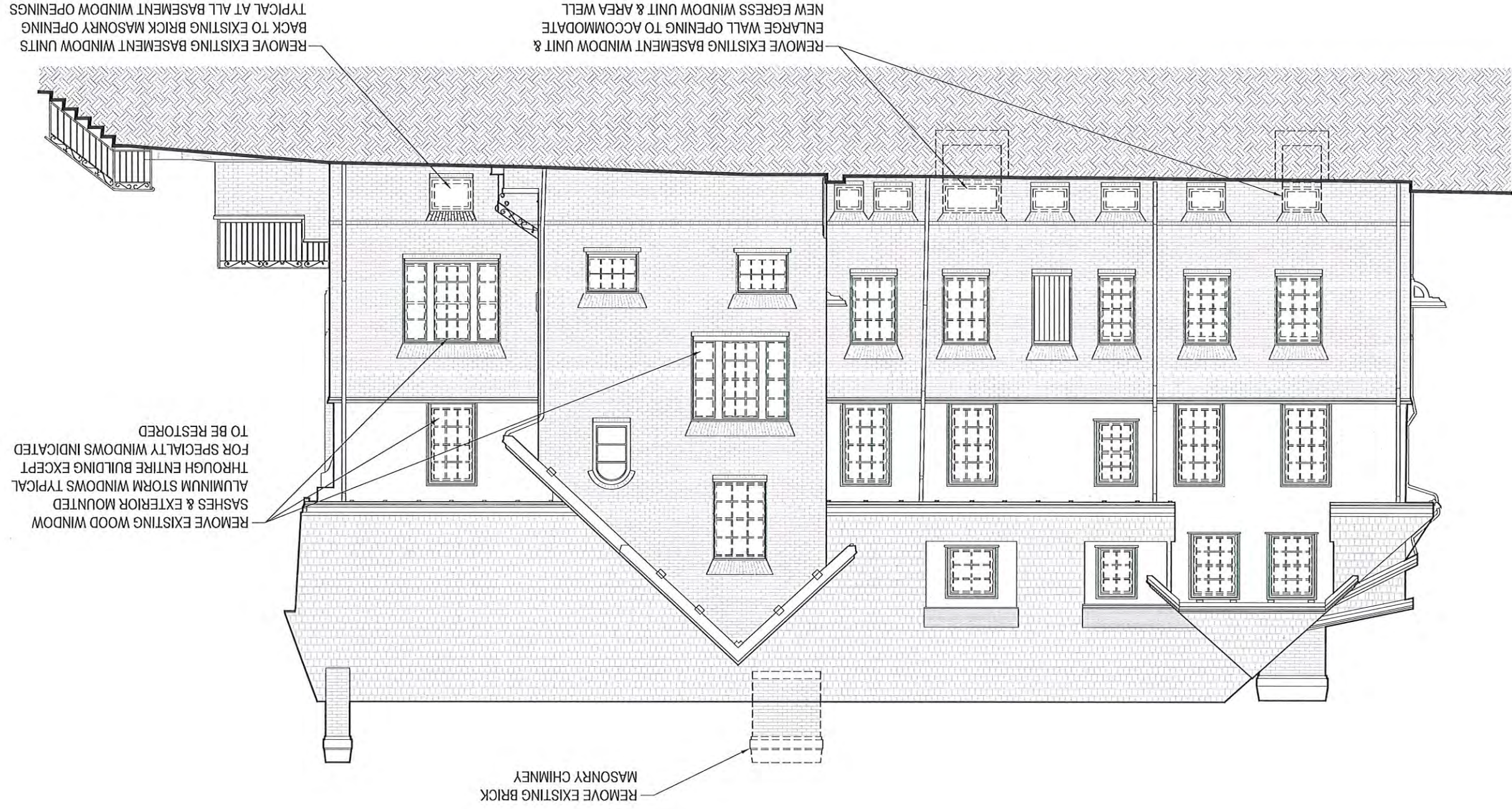
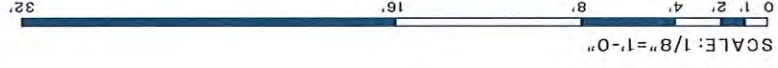
**EXHIBIT A8**

**Chabad House of College Hill**

**PROPOSED EAST (RIGHT) SIDE EXTERIOR ELEVATION**  
MAY 06, 2024 SUBMISSION









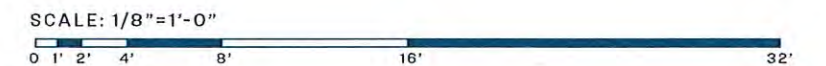
PROPOSED EXTERIOR SCOPE OF WORK:  
 REFER TO PROPOSED NORTH, SOUTH AND  
 WEST SIDE EXTERIOR ELEVATION SHEETS  
 FOR APPLICABLE PROPOSED SCOPE  
 OF WORK NOTES.



**EXHIBIT A10**

**Chabad House of College Hill**

**PROPOSED WEST (LEFT) SIDE EXTERIOR ELEVATION**  
 MAY 06, 2024 SUBMISSION





# Exhibit B

*Exterior Windows*

CHABAD OF COLLEGE HILL  
PROVIDENCE HISTORIC DISTRICT  
COMMISSION APPLICATION  
May 06, 2024 Submission



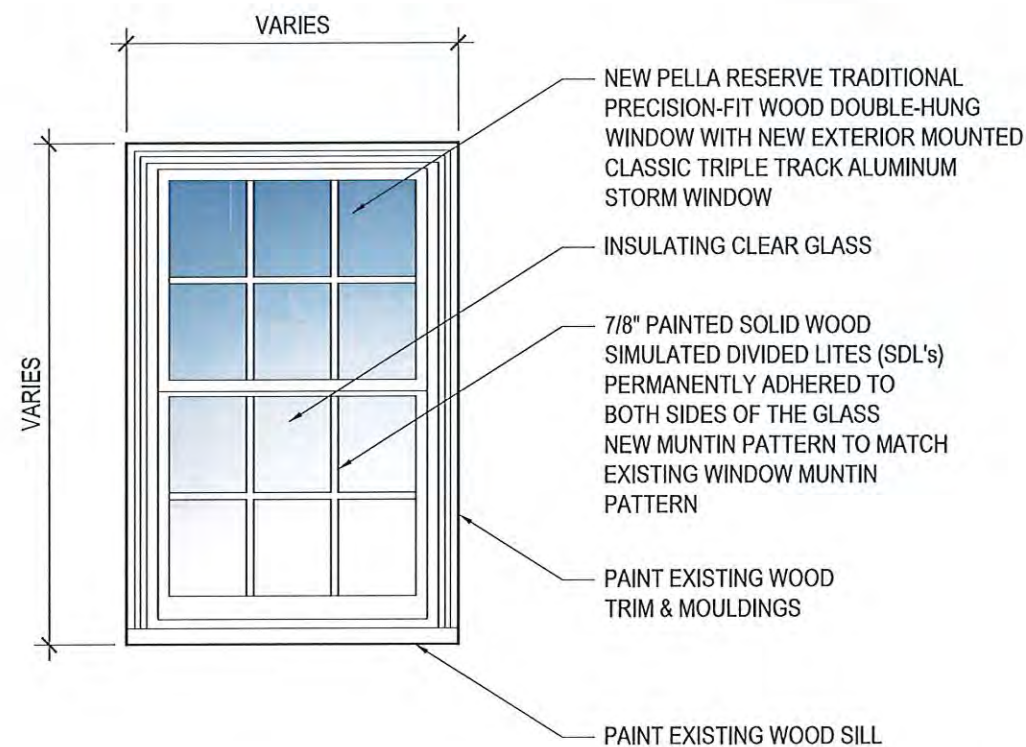
*Places of Value. Value of Place.*

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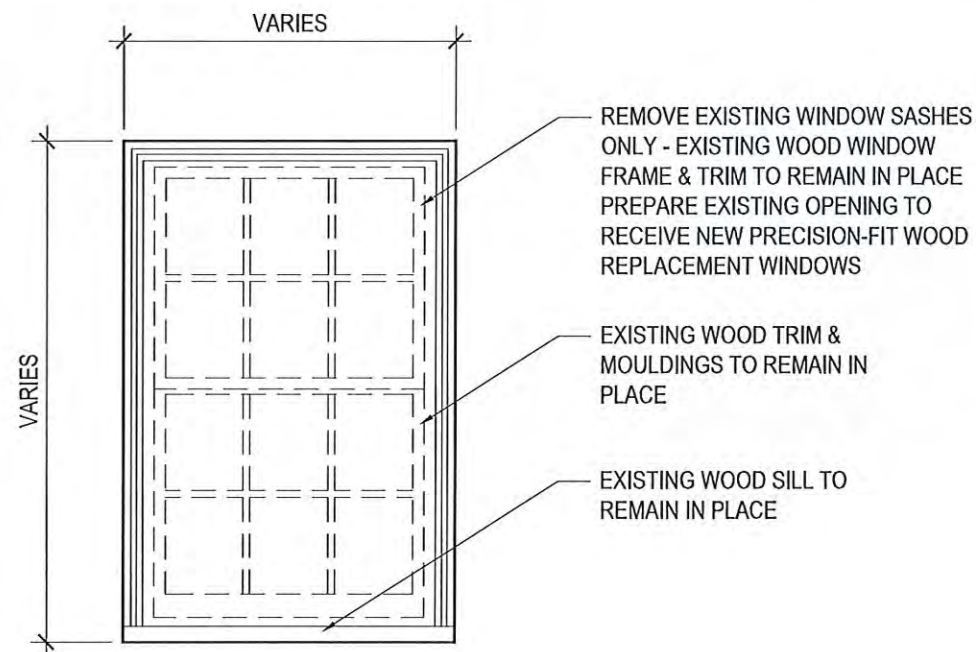


**PROPOSED EXTERIOR SCOPE OF WORK:**

- REMOVE EXISTING HUNG WINDOWS AND ALUMINUM STORM WINDOWS. INSTALL NEW PELLA RESERVE TRADITIONAL PRECISION-FIT PAINTED WOOD DOUBLE-HUNG WINDOWS NEW EXTERIOR MOUNTED PREFINISHED CLASSIC TRIPLE TRACK ALUMINUM STORM WINDOWS.
- REMOVE EXISTING BRICK MASONRY CHIMNEY AS INDICATED AND CONSTRUCT NEW WOOD-FRAMED CHIMNEY WITH RECLAIMED BRICK VENEER AND CHIMNEY CAP. NEW CHIMNEY TO MATCH EXISTING CHIMNEY FORM, PROPORTIONS AND DIMENSIONS.
- REMOVE TWO (2) EXISTING SOUTH (FRONT) SIDE FIRST FLOOR TERRACE DOORS AND INSTALL NEW PAINTED SOLID WOOD EXTERIOR DOORS TO MATCH EXISTING DOOR TYPE, DIMENSIONS AND PROFILE.
- REPAIR AND REFINISH ALL EXISTING EXTERIOR STUCCO FINISHES. NEW FINISH COLOR TO MATCH EXISTING FINISH COLOR.
- SCRAPE, PREPARE, PRIME AND PAINT ALL EXISTING EXTERIOR WOOD TRIM. NEW PAINT COLOR TO MATCH EXISTING PAINT COLOR.
- REMOVE THREE (3) EXISTING BASEMENT WINDOWS ON NORTH AND WEST SIDES OF BUILDING. ENLARGE EXISTING BASEMENT WALL OPENINGS AND INSTALL NEW WINDOW AREA WELLS AND NEW PELLA RESERVE TRADITIONAL WOOD CASEMENT EGRESS WINDOWS WITH PAINTED 1-7/8" BRICKMOULD TRIM AND PAINTED WOOD SUBSILLS.
- REMOVE EXISTING FIRST FLOOR DOUBLE WINDOW AT NORTH SIDE OF BUILDING, ENLARGE WALL OPENING AND INSTALL NEW PAINTED SOLID WOOD EXTERIOR DOORS WITH GLASS LITE AND ONE (1) MATCHING SIDELITE.
- INSTALL NEW WOOD-FRAMED EXTERIOR DECK AT NEW NORTH SIDE DOOR OPENING WITH 1X4 PICTURE-FRAMED MAHOGANY DECKING, PAINTED WOOD TRIM, PAINTED SQUARE LATTICE PANELS AND PAINTED HISTORIC PROFILE STRUCTURALLY REINFORCED EXTERIOR PVC



**PROPOSED REPLACEMENT WINDOW INSTALLATION**



**EXISTING WINDOW SASH REMOVAL**

**EXHIBIT B1**

**Chabad House of College Hill**

**EXTERIOR WINDOW LEGEND & EXTERIOR SCOPE OF WORK NOTES**  
MAY 06, 2024 SUBMISSION





**EXHIBIT B2**

**EXISTING SASH & MUNTIN**



**EXISTING JAMB & HEAD**



**EXISTING MEETING RAIL**



**EXISTING MEETING RAILS**



**EXISTING SILL & INTERIOR STOOL**



**EXISTING MEETING RAILS**



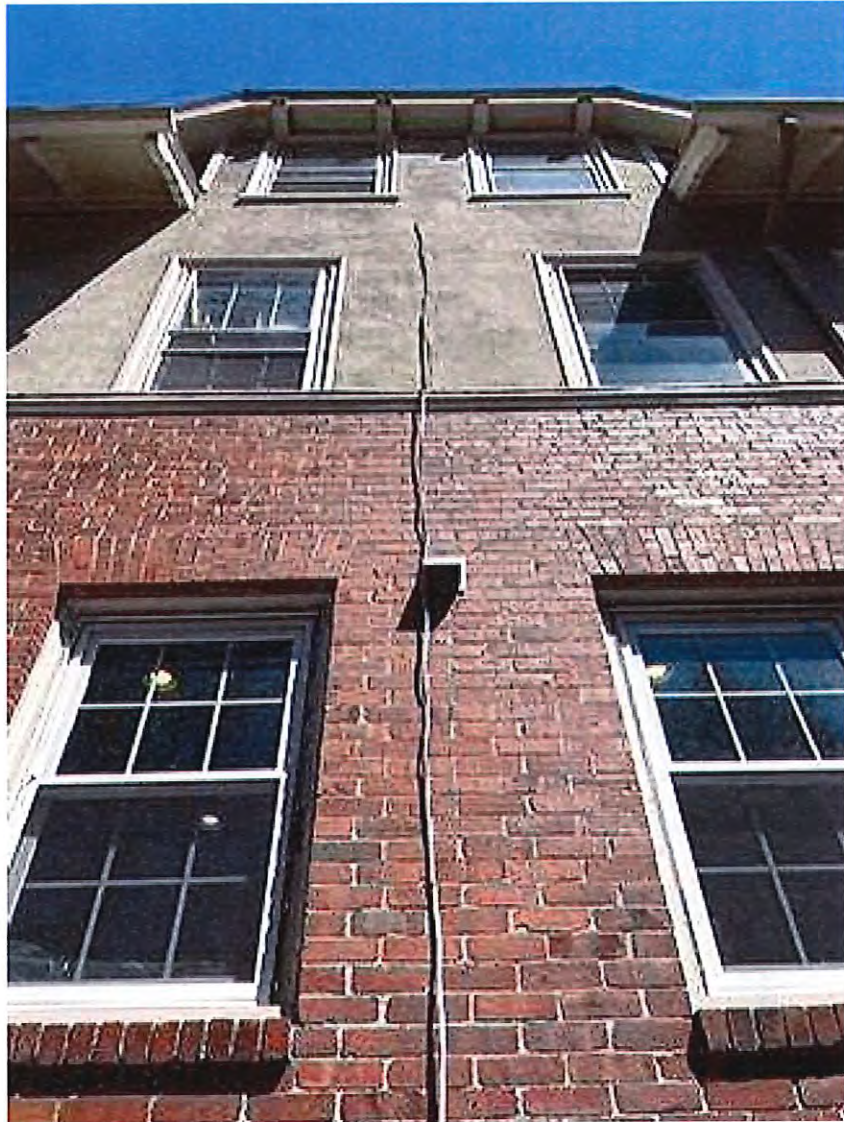
**EXISTING INTERIOR TRIM**



**EXISTING JAMB & SILL**



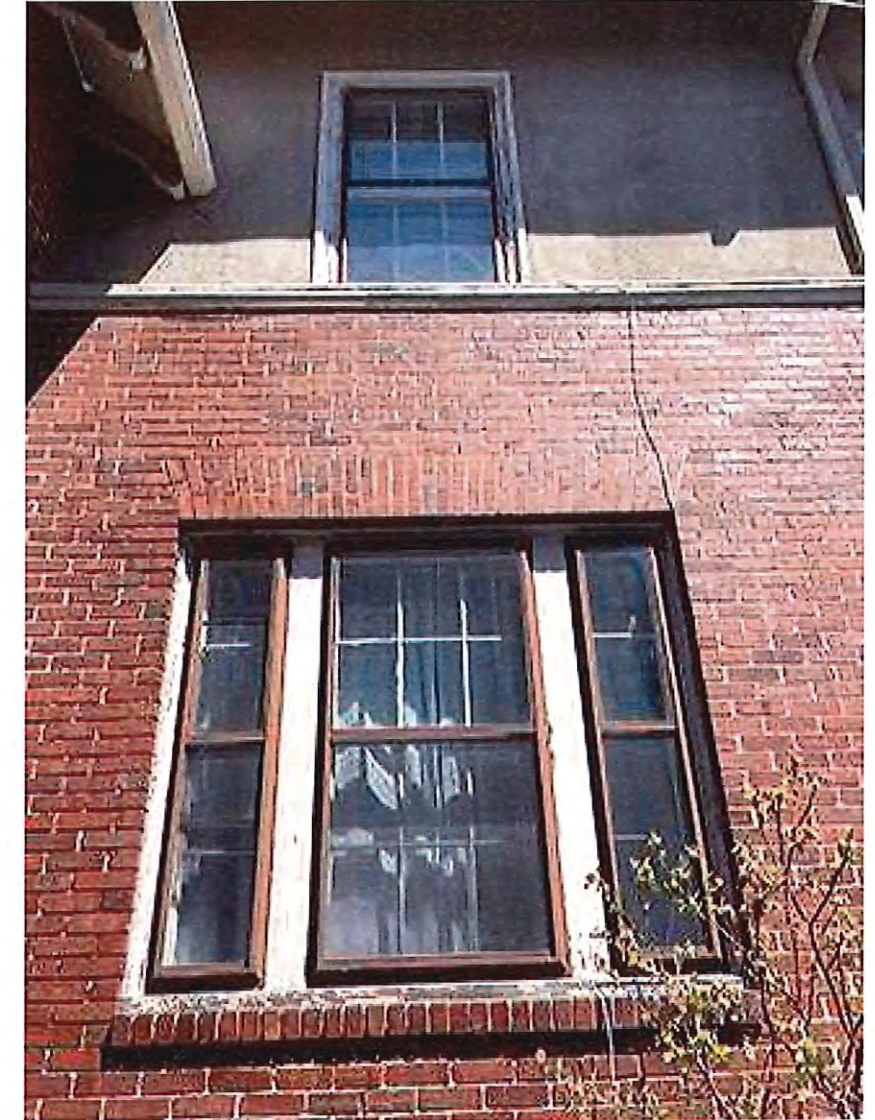




**EXISTING WINDOW INSTALLATION  
AT BRICK VENEER & STUCCO  
SHOWING MISMATCHED  
MODERN REPLACEMENT WINDOWS**



**EXISTING WINDOW INSTALLATION  
AT STUCCO SHOWING EXTERIOR  
MOUNTED ATORM WINDOWS**



**EXISTING WINDOW INSTALLATION  
AT BRICK VENEER & STUCCO  
SHOWING EXTERIOR MOUNTED  
STORM WINDOWS**

## **EXHIBIT B3**

# Chabad House of College Hill

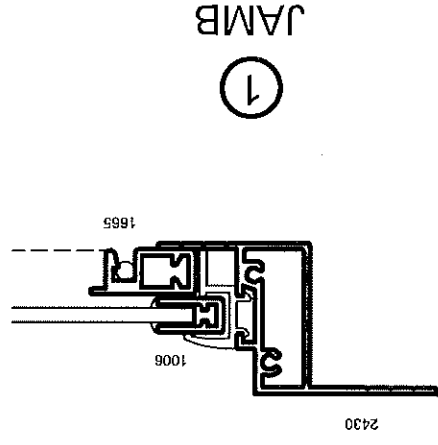
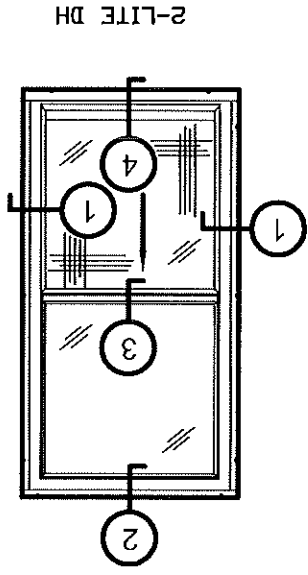
**EXTERIOR WINDOWS - EXISTING CONDITIONS**  
MAY 06, 2024 SUBMISSION





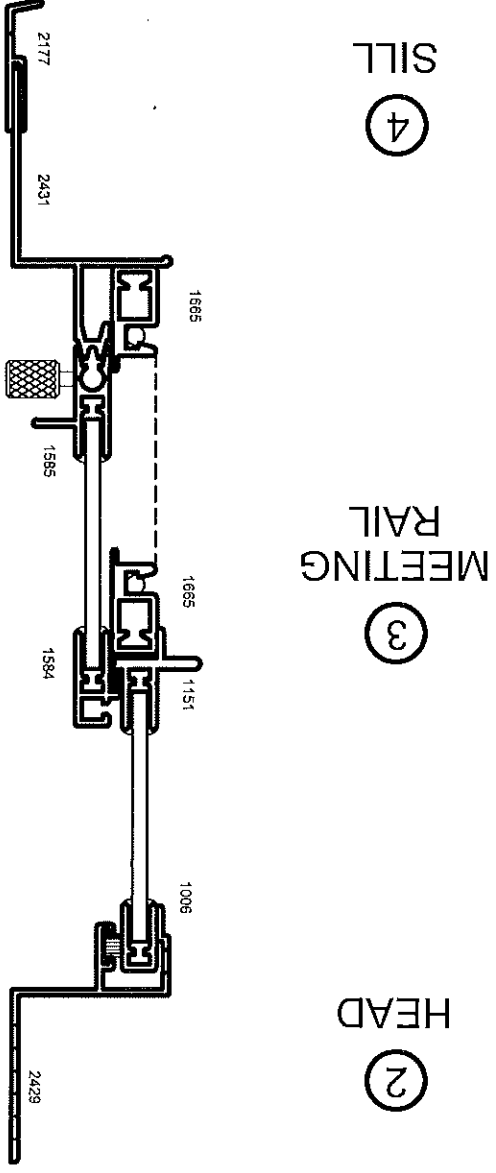
Storm Windows & Doors

Mon-Ray, Inc.  
Phone: (800) 544-3646  
Fax: (763) 546-8977  
www.monray.com



FULL SCALE (11 x 17)

MON-RAY MODEL 604 - DOUBLE HUNG  
BLIND STOP MOUNT



TYPICAL  
DETAIL

STANDARD WITH 1/8" CLEAR FLOAT GLASS

DRAWING  
MR-604-001

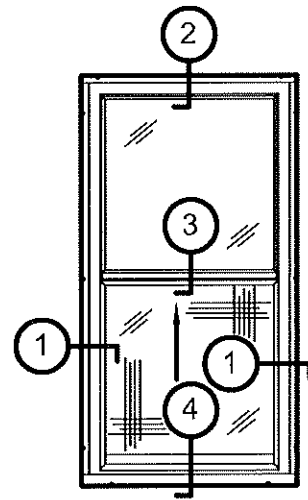
HALF SCALE (8-1/2 x 11)



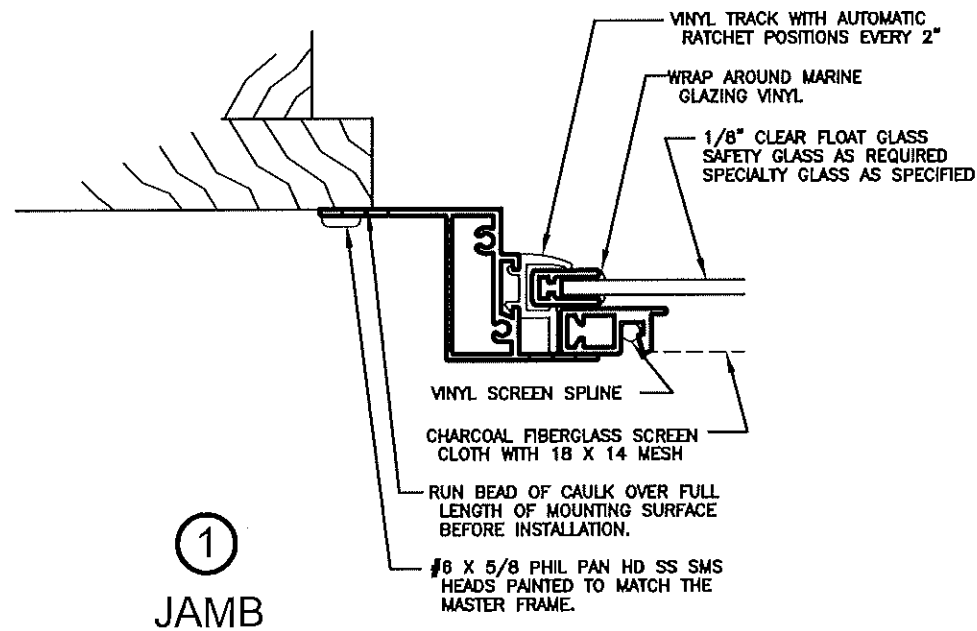


Storm Windows & Doors

Mon-Ray, Inc.  
 Phone: (800) 544-3646  
 Fax: (763) 546-8977  
 www.monray.com



2-LITE DH



1  
JAMB

RUN BEAD OF CAULK OVER FULL LENGTH OF MOUNTING SURFACE BEFORE INSTALLATION

#8 x 5/8 PHIL PAN HD SS SMS HEADS PAINTED TO MATCH THE MASTER FRAME.

2  
HEAD

WRAP AROUND MARINE GLAZING VINYL

1/8" CLEAR FLOAT GLASS SAFETY GLASS AS REQUIRED SPECIALTY GLASS AS SPECIFIED

WRAP AROUND MARINE GLAZING VINYL

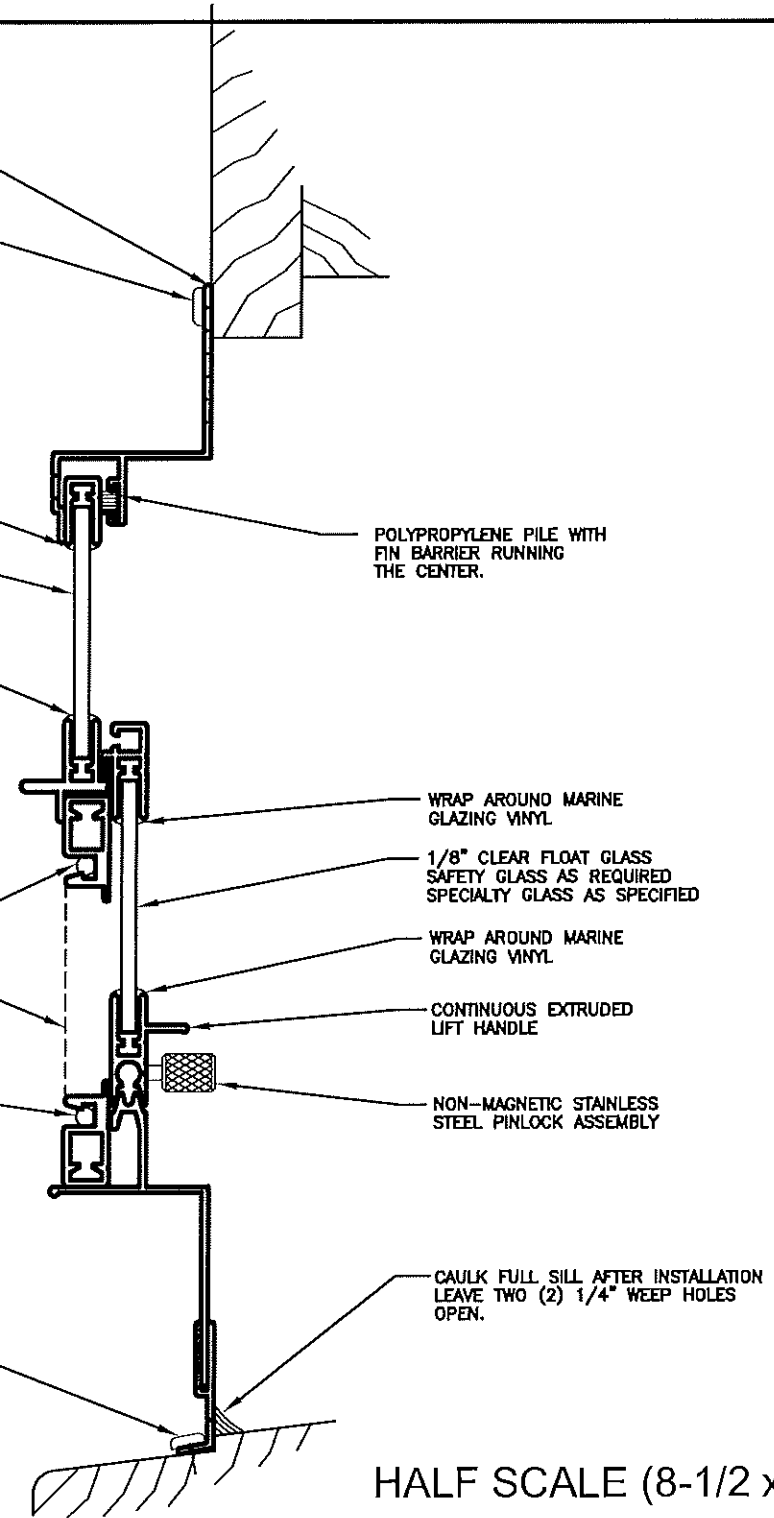
3  
MEETING RAIL

VINYL SCREEN SPLINE  
 CHARCOAL FIBERGLASS SCREEN CLOTH WITH 18 X 14 MESH.

VINYL SCREEN SPLINE

4  
SILL

#8 x 5/8 PHIL PAN HD SS SMS HEADS PAINTED TO MATCH THE MASTER FRAME.



POLYPROPYLENE PILE WITH FIN BARRIER RUNNING THE CENTER.

WRAP AROUND MARINE GLAZING VINYL

1/8" CLEAR FLOAT GLASS SAFETY GLASS AS REQUIRED SPECIALTY GLASS AS SPECIFIED

WRAP AROUND MARINE GLAZING VINYL

CONTINUOUS EXTRUDED LIFT HANDLE

NON-MAGNETIC STAINLESS STEEL PINLOCK ASSEMBLY

CAULK FULL SILL AFTER INSTALLATION LEAVE TWO (2) 1/4" WEEP HOLES OPEN.

FULL SCALE (11 x 17)

HALF SCALE (8-1/2 x 11)

MON-RAY MODEL 600 SERIES - EASTERN MOUNT  
 604 DOUBLE HUNG SHOWN

OPTIONAL  
 INSTALLATION

STANDARD WITH 1/8" CLEAR FLOAT GLASS

DRAWING  
 MR-600-802



# Exhibit C

*Exterior Doors*

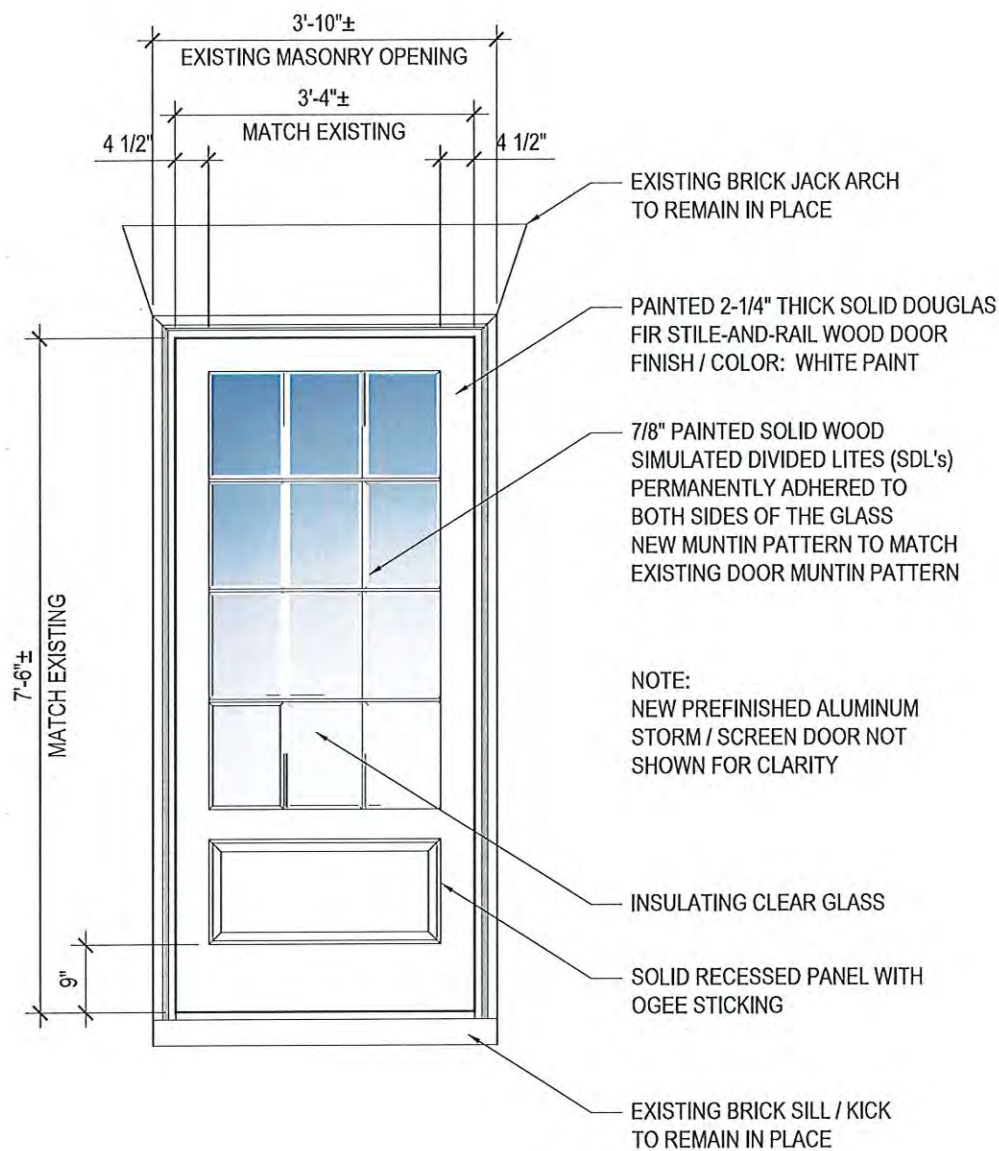
CHABAD OF COLLEGE HILL  
PROVIDENCE HISTORIC DISTRICT  
COMMISSION APPLICATION  
May 06, 2024 Submission



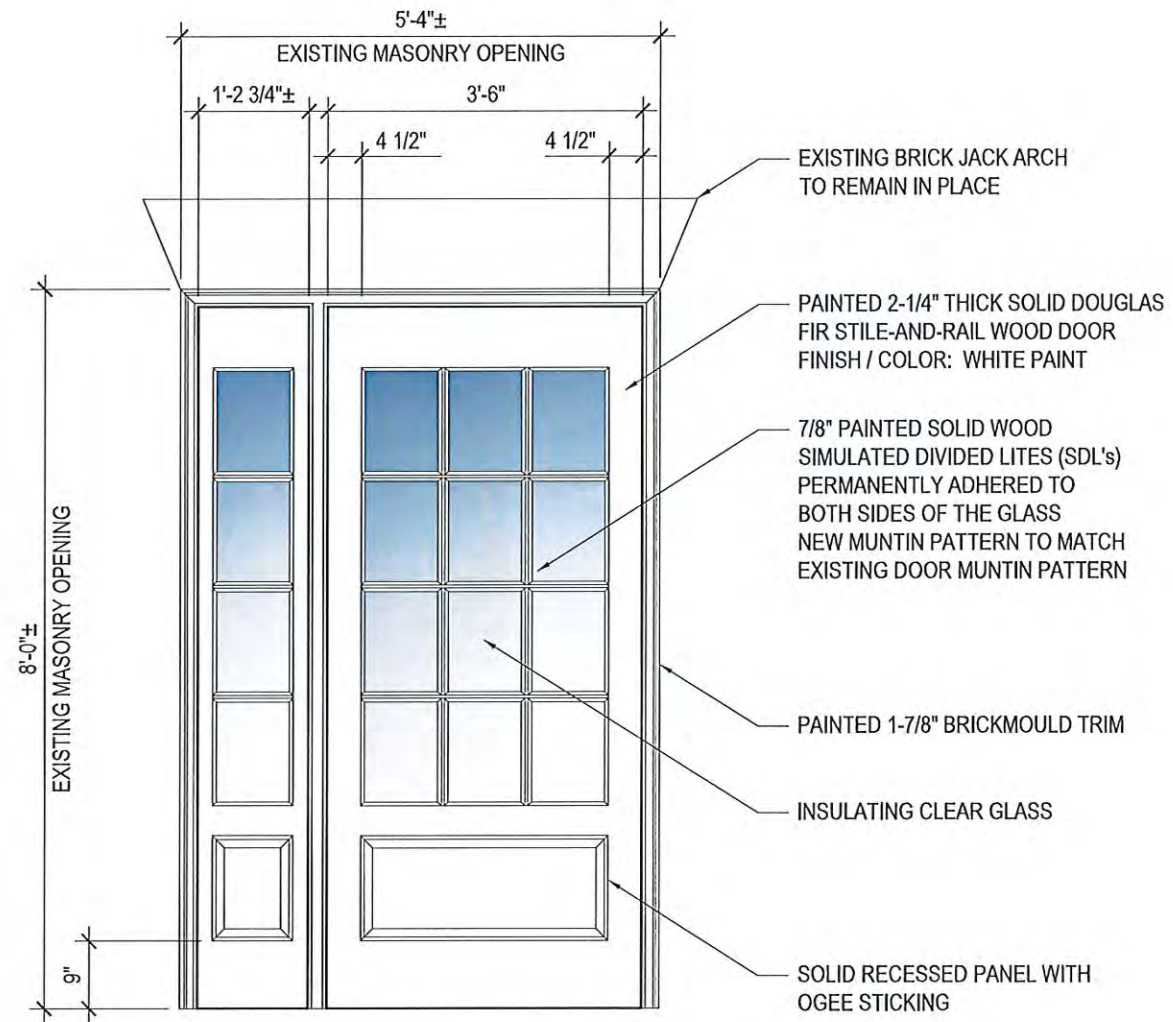
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**PROPOSED SOUTH (FRONT) SIDE EXTERIOR TERRACE DOORS**



**PROPOSED NORTH (REAR) SIDE EXTERIOR DOOR & SIDELITE**

**EXHIBIT C1**

**Chabad House of College Hill**

**PROPOSED EXTERIOR DOOR TYPES**  
MAY 06, 2024 SUBMISSION

**EXHIBIT B1**





# Chabad House of College Hill

## EXHIBIT C2

EXISTING SOUTHEAST CORNER  
EXTERIOR TERRACE DOOR



EXISTING SOUTHWEST CORNER  
EXTERIOR TERRACE DOOR



EXISTING EXTERIOR TERRACE DOOR







**EXISTING EXTERIOR TERRACE DOOR  
RECESSED PANEL, SILL & JAMB**



**EXISTING EXTERIOR TERRACE DOOR  
WOOD SILL & JAMB**



**EXISTING EXTERIOR TERRACE DOOR  
GLASS LITES & MUNTINS**

## **EXHIBIT C3**

# Chabad House of College Hill

**EXISTING SOUTH (FRONT) SIDE FIRST FLOOR EXTERIOR TERRACE DOOR PHOTO IMAGES**  
MAY 06, 2024 SUBMISSION



# Chabad House of College Hill

## EXHIBIT C4

PROPOSED FIRST FLOOR EXTERIOR DOOR  
LOCATION AT EXISTING WINDOW OPENING



PROPOSED FIRST FLOOR EXTERIOR DOOR  
LOCATION AT EXISTING WINDOW OPENING



PROPOSED FIRST FLOOR EXTERIOR DOOR  
LOCATION AT EXISTING WINDOW OPENING



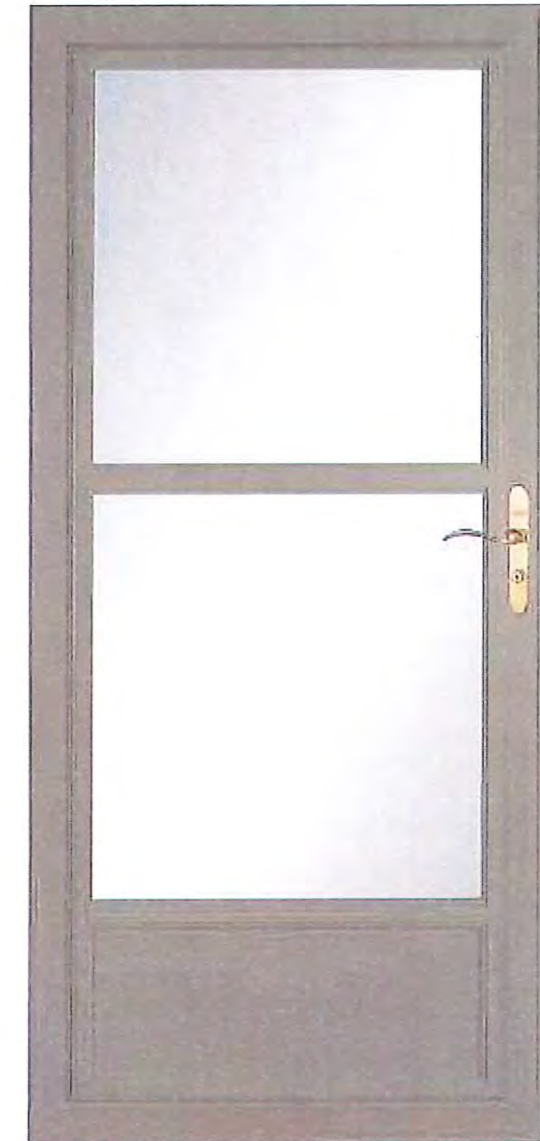




**EXISTING NORTH (REAR) SIDE EXTERIOR STORM DOOR TO BE REPLACED WITH NEW STORM DOOR**



**EXISTING NORTH (REAR) SIDE EXTERIOR STORM DOOR TO BE REPLACED WITH NEW STORM DOOR**



**PROPOSED COMBINATION ALUMINUM STORM / SCREEN DOOR**

## **EXHIBIT C5**

# Chabad House of College Hill

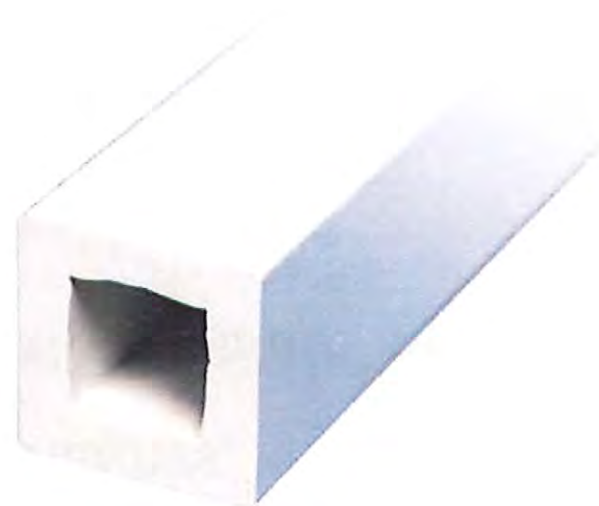
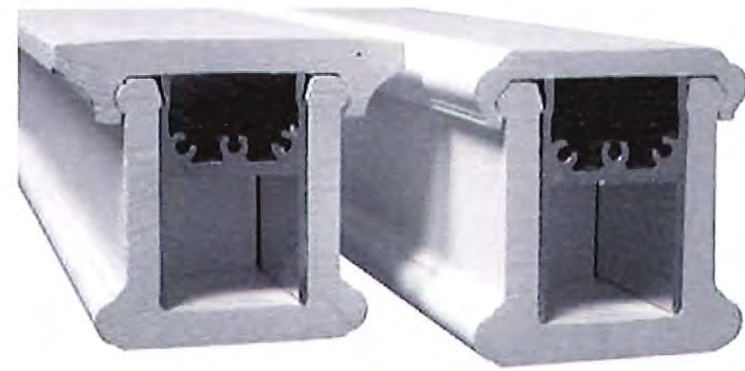
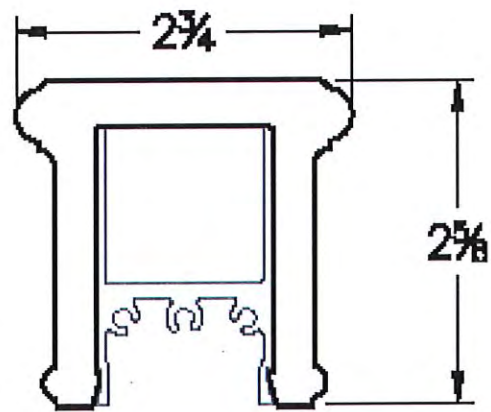
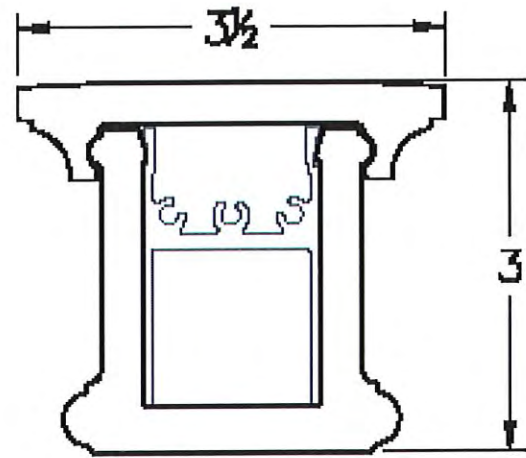
**PROPOSED NORTH (REAR) SIDE STORM DOOR REPLACEMENT**  
MAY 06, 2024 SUBMISSION



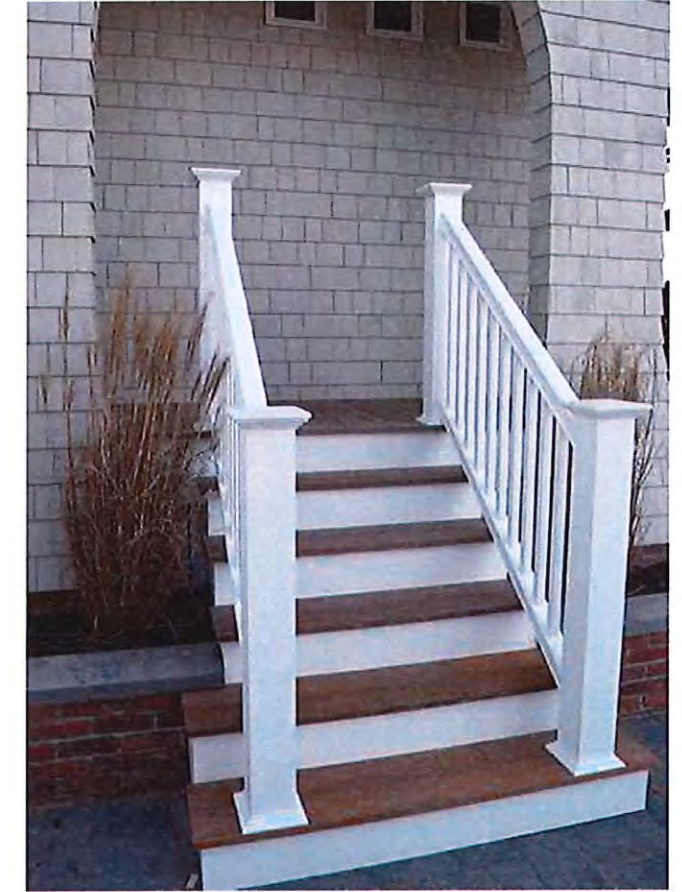




# RS60350



PRECEDENT DESIGN IMAGE  
Depicting Overall Design Intent



PRECEDENT DESIGN IMAGE  
Depicting Overall Design Intent

## PROPOSED EXTERIOR STAIR RAILING & BALUSTER PROFILES

INTEXT Millwork Solutions  
Liberty Extruded Stair Railing & Balusters



## EXHIBIT D2

# Chabad House of College Hill

PROPOSED NORTH SIDE EXTERIOR DECK DETAILS  
MAY 06, 2024 SUBMISSION

## REPRESENTATIVE EXTERIOR STAIR, RAILING, BALUSTER, NEWEL POST & TRIM DESIGN





# Product Data

*New Exterior Windows,*

*Doors & New Exterior Stair*

CHABAD OF COLLEGE HILL  
PROVIDENCE HISTORIC DISTRICT  
COMMISSION APPLICATION  
*May 06, 2024 Submission*



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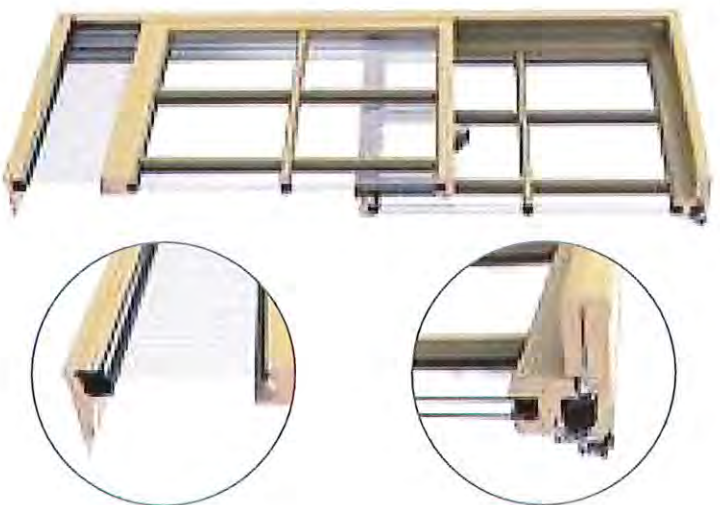
# Pella® Reserve™

## Traditional Wood & Clad/Wood



Exquisitely designed windows and doors with unparalleled historical detailing.

Double-Hung Interior



- **Historical details**  
Our most historically authentic line of wood windows and patio doors. Featuring through-stile construction, deliberate proportions and intricate profiles. Pella Reserve – Traditional products are the ideal choice for historical renovations and traditional building projects.
- **Authentic hardware**  
Complement your project with historically authentic spoon-lock window hardware. Our Antiek casement window hardware is inspired by period furniture to deliver authentic traditional style.
- **Architectural interest**  
Pella's Integral Light Technology® grille helps capture the look of true-divided-light without sacrificing energy performance. Further your aesthetic with the putty profile, recreated with historically accurate angles to provide meaningful depth and a realistic shadow. Pella Reserve products offer the industry's deepest sash dimension.
- **Virtually unlimited customization**  
If you can dream it, we can build it with our most customizable product line. From extra tall to extra wide, Pella can craft unique windows that complement your aesthetic. Custom sizes, grille patterns and designs, finishes, wood types and glass options are available.
- **Tailor-made solutions**  
From preliminary drawings to installation, Pella's expert team of architects, engineers, drafters and consultants can work to deliver custom window and door solutions for your project. Partner with Pella to achieve your unique vision without concessions.
- **Intentional innovation**  
The award-winning Integrated Rolscreen® retractable screen preserves aesthetics and the view. It is a double- and single-hung screen that appears when you open the window and rolls away, out of sight, when you close it.
- **Durable interiors and extruded aluminum exteriors**  
To help save you time on the jobsite, interior finish options are available in a variety of paints and stains, or primed and ready-to-paint. To complement your exterior aesthetic, choose from our carefully curated color palette or define your own custom color for your project.
- **ENERGY STAR® certified!**  
Pella wood products offer energy-efficient options that will meet or exceed ENERGY STAR guidelines in all 50 states.
- **Testing beyond requirements**  
All wood products and testing are not created equal. Pella raises the bar on industry standard testing and beyond to deliver long-lasting products and reduced callbacks. Every Pella wood window and door passes 5, on average, quality checks before it arrives on the jobsite.
- **Best limited lifetime warranty<sup>2</sup>**  
Pella Reserve products are covered by the best limited lifetime warranty in the business for wood windows and patio doors.<sup>2</sup>

Double-Hung Exterior



Available in these window and patio door styles:



Special shape windows also available.

<sup>1,2</sup> See back cover for disclosures.



Product Specifications

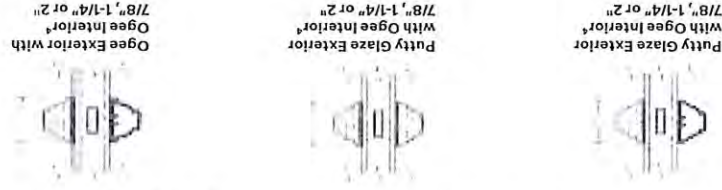
Window & Patio Door Styles	Min. Width	Min. Height	Max. Width	Max. Height	Performance Class & Grade	Performance Values		
						U-Factor	SHGC	STC
Awning	13-3/4"	13-3/4"	59"	59"	LC30 - CW50	0.25-0.29	0.18-0.47	27-35
Casement	13-3/4"	13-3/4"	47"	108"	R35-CW50	0.25-0.29	0.18-0.47	27-34
Fixed Casement	10"	10"	144"	144"	R35-CW50	0.25-0.29	0.18-0.47	27-35
Double-Hung	14"	24-3/8"	48"	96"	CW30-CW50	0.25-0.30	0.19-0.53	28-35
Precision Fit Double-Hung	13-1/2"	23-3/4"	48"	84"	CW40-CW50	0.25-0.31	0.19-0.53	26-30
Monumental Hung	13-3/4"	24"	72"	144"	LC25-CW50	0.25-0.30	0.17-0.47	29-34
In-Swing Hinged Patio Door (Single)	18"	36"	48"	119-1/2"	LC40-LC55	0.25-0.29	0.14-0.40	31-35
In-Swing Hinged Patio Door (Double)	36"	36"	36"	96"	LC40-LC55	0.25-0.29	0.14-0.40	31-35
Out-Swing Hinged Patio Door (Single)	18"	36"	48"	119-1/2"	R50-LC70	0.25-0.30	0.14-0.39	30-36
Out-Swing Hinged Patio Door (Double)	36"	36"	36"	96"	R50-LC70	0.25-0.30	0.14-0.39	30-36
Sliding Patio Door (O)	30-3/4"	74"	60-3/4"	119-1/2"	LC40-LC70	0.29-0.32	0.15-0.42	-
Sliding Patio Door (OX, XO)	59-1/4"	74"	119-1/2"	119-1/2"	LC35-LC65	0.29-0.32	0.15-0.42	29-35
Sliding Patio Door (OXO)	90"	74"	180"	119-1/2"	LC30-LC45	0.29-0.32	0.15-0.42	-
Sliding Patio Door (OXXO)	116-1/8"	74"	236-1/8"	119-1/2"	LC25-LC40	0.29-0.32	0.15-0.42	-
Multi-Slide Patio Door	40-1/4"	50-1/2"	70-1/8"	119-1/2"	R15-LC25'	0.30 - 0.36	0.15 - 0.46	31
Bifold Patio Door	31-3/4"	55-1/2"	312"	119-1/2"	R15-LC25'	0.26-0.44	0.13-0.45	-

Window sizes available in 1/8" increments. Special sizes available. For more information regarding performance, visit [pella.com/performance](http://pella.com/performance). For more information regarding framing frame and installation types, visit [PellaADMI.com](http://PellaADMI.com).

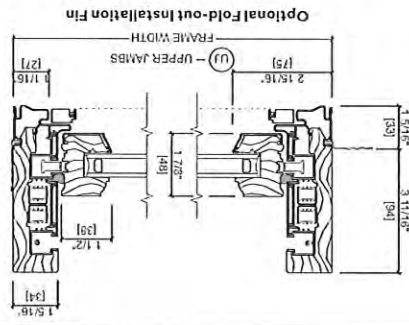
Grilles

Integral Light Technology®

Choose the look of true divided light without sacrificing energy performance.



Cross Sections



The double-hung cross sections provide visual reference to the historic putty exterior profile and traditional, beveled Ogee interior that add architectural interest to your project.

\*\* See back cover for disclosures.

Window Hardware

Classic Collection

Get a timeless look with authentic styles in classic finishes.



Rustic Collection

Create a distinct and charming look with distressed finishes.



Essential Collection

Select from popular designs and finishes to suit every style.



Patio Door Hardware

Classic Collection

Choose timeless pieces, created in collaboration with Baldwin® Hardware, for a look that will never go out of style.



Essential Collection

Elevate your style and transform a home with elegant selections.



Additional hardware collections available. Visit [PellaADMI.com](http://PellaADMI.com) for more information.

\*\* See back cover for disclosures.



## Colors

### Wood Types

Choose the wood species that best complements your project's interior.

Custom solutions:



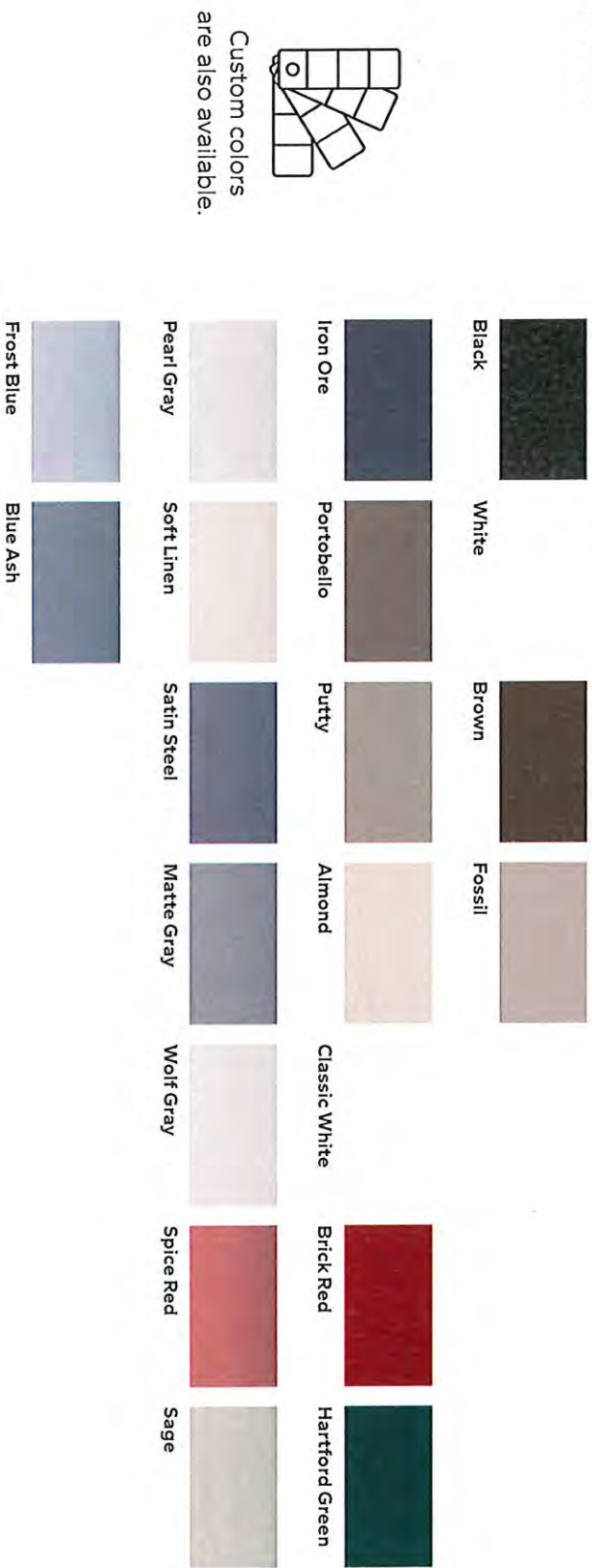
### Prefinished Pine Interior Colors

Custom interior finishes, unfinished or primed and ready-to-paint are also available.



### Extruded Aluminum-Clad Exterior Colors

Our low-maintenance EnduraClad® exterior finish resists fading. Take durability one step further with EnduraClad Plus which also resists chalking and corrosion.<sup>7</sup>



## Added Peace of Mind

### Integrated Security Sensors

Integrated wireless security sensors maintain aesthetics, streamline security installation and ensure no warranty loss is caused by post-installation drilling. Sensors can be monitored via the free Pella® Insnctive® App and are compatible with major security panel systems.<sup>8</sup> For more information, go to [connectpella.com](http://connectpella.com).



**The Best Limited Lifetime Warranty in the Industry**  
We know your reputation matters and you stake your reputation on quality, dependable products. That's why we have the best limited lifetime warranty in the industry for wood windows and patio doors.<sup>2</sup>

<sup>1</sup> Some Pella products may not meet ENERGY STAR® guidelines in Canada. For more information, contact your local Pella sales representative or go to [energystar.ca](http://energystar.ca).  
<sup>2</sup> Based on comparing written limited warranties of leading national wood window and wood patio door brands. See written limited warranty for details, including exceptions and limitations, at [pella.com/warranty](http://pella.com/warranty) or contact Pella Customer Service.  
<sup>3</sup> Ratings are contingent on product configurations.  
<sup>4</sup> Color-matched to your product's interior and exterior color.  
<sup>5</sup> Flush multi-slide handle is a Pella exclusive design.  
<sup>6</sup> Flush multi-slide handle is not available in Champagne.  
<sup>7</sup> EnduraClad Plus protective finish is not available with all colors. See your local Pella sales representative for availability.  
<sup>8</sup> Requires the Insnctive App on a smart device, an Insnctive Bridge and a wireless home router with internet connection.



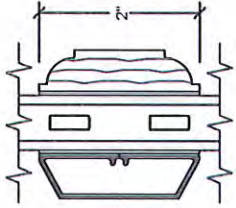
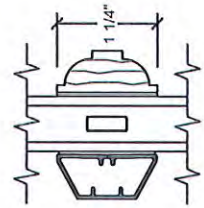
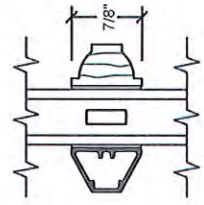
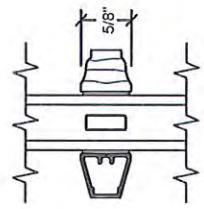


## Pella® Reserve™ Traditional Precision-Fit Hung Window

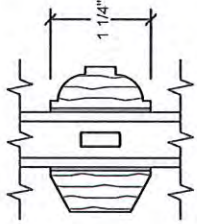
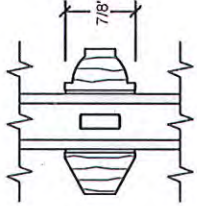
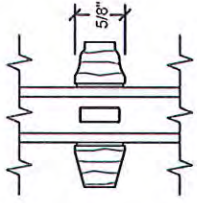
### Grille Profiles

#### Traditional Style Collection - Integral Light Technology®

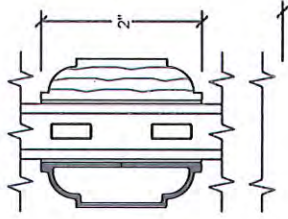
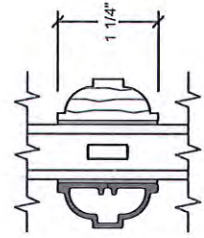
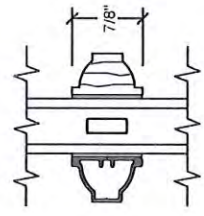
Putty Glaze and Ogee Grilles  
Clad Exterior - Wood Interior



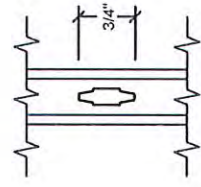
Putty Glaze and Ogee Grilles  
Wood Exterior - Wood Interior



Ogee Grilles  
Clad Exterior - Wood Interior



Grilles-Between-the-Glass



3/4"  
Contoured

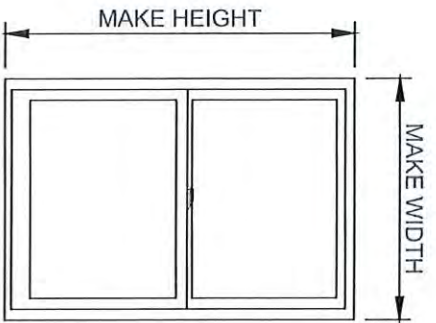
Interior wood ILT grilles available in Pine, Mahogany or Douglas Fir to match complete unit.  
Exterior wood ILT grilles available in Pine or Mahogany to match complete unit.





# Pella® Reserve™ Traditional Precision-Fit Hung Window

## Size and Measurement Guidelines



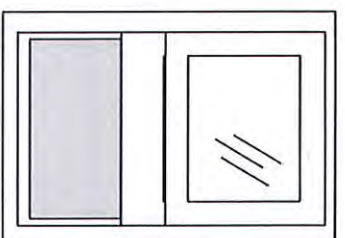
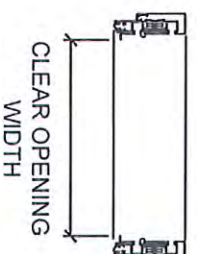
Interior view shown.  
Refer to unit cross sections in this section for Make Width and Make Height dimensions.

### Make Dimensions

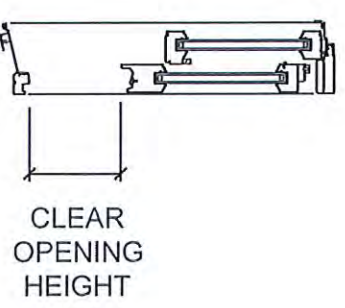
**Minimum**  
13-1/2" W x 23-3/4" H  
(343 x 603)

**Maximum**  
48" W x 84" H  
(1 219 x 2 134)

Make Width (MW) = A - 1/2" (rounded to the nearest 1/4")  
Make Height (MH) = B - 1/2" (rounded to the nearest 1/4")  
Cottage Sash windows must be between ≥ 40-1/2" and ≤ 71-1/2" make height.



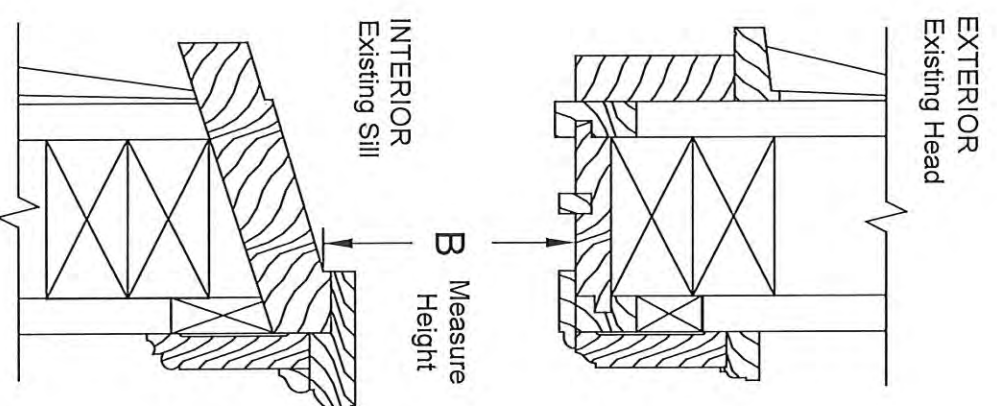
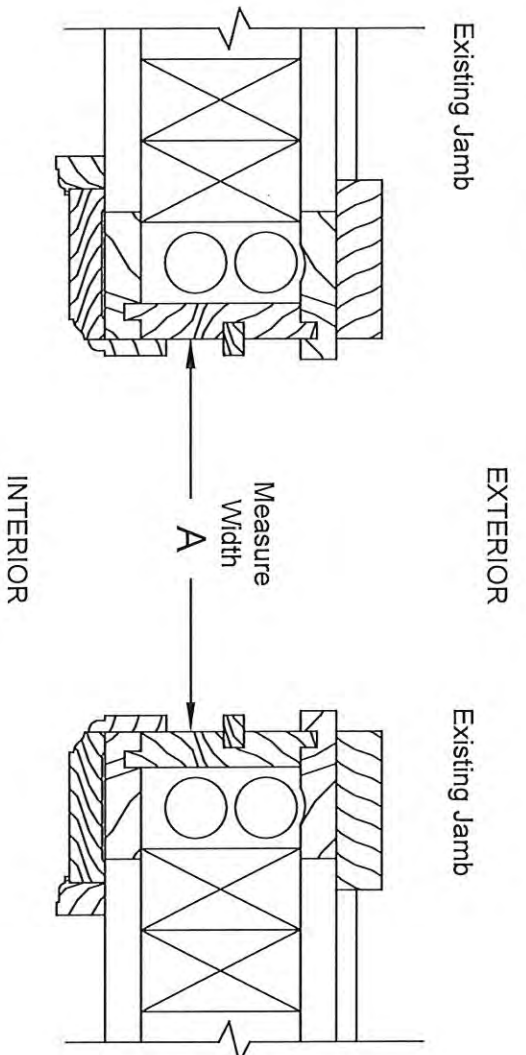
Shaded portion shows vent area.



CLEAR OPENING HEIGHT

Vent Units	
Visible Glass	Width = Frame - 5.647" Height = ((Frame - 8.6875) + 2) - .75"
Actual Glass	Width = Frame - 4.375" Height = ((Frame - 5.983) + 2) - .75
Clear Opening	COW = Frame Width - 3.6875" (Frame Height ÷ 2) - 5.1875"
Vent Area	(COW x COH) + 144

### Measurement guidelines







## Pella® Reserve™ Traditional Precision-Fit Hung Window

### Detailed Product Description - Wood Exterior Sash

#### Frame

- Select softwood, water-repellent, preservative-treated with EnduraGuard® triple wood protection in accordance with WDMA I.S.-4. EnduraGuard triple protection formula includes water-repellency, three active fungicides and an insecticide applied to the frame.
- Interior exposed surfaces are [pine] [mahogany].
- Exterior surfaces are clad with aluminum.
- Pocket depth is 3-1/4" (83mm).
- Vinyl Jamb liner includes wood / clad inserts.

#### Sash

- Select softwood, water-repellent, preservative-treated with EnduraGuard triple wood protection in accordance with WDMA I.S.-4. EnduraGuard triple protection formula includes water-repellency, three active fungicides and an insecticide applied to the sash.
- Interior exposed surfaces are [pine] [mahogany].
- Exterior surfaces are [pine] [mahogany].
- Sash thickness is 1-13/16" (46mm).
- Sash exterior profile is putty glaze, interior profile is ogee.
- Upper sash has surface-mounted wash locks.
- Lower sash has concealed wash locks in lower check rail.
- Sashes tilt for easy cleaning.

#### Weatherstripping

- Water-stop Santoprene-wrapped foam at head and sill.
- Thermoplastic elastomer bulb with slip-coating set into lower sash for tight contact at check rail.
- Vinyl-wrapped foam inserted into jamb liner or jamb liner components to seal against sides of sash.

#### Glazing System

- Quality float glass complying with ASTM C 1036.
- Custom and high altitude glazing available.
- Silicone-glazed 11/16" dual-seal insulating glass [[annealed] [tempered]] [[clear] [[Advanced] [SunDefense™] [SunDefense+] [AdvancedComfort] [NaturalSun] [NaturalSun+] Low-E [with argon]] [[bronze] [gray] [green] Advanced Low-E with argon].

#### Exterior

- [Pine: factory primed with one coat acrylic latex] [Mahogany: [factory primed with one coat acrylic latex] [Unfinished, ready for site finishing]].

#### Interior

- [Unfinished, ready for site finishing] [factory primed with one coat acrylic latex] [pine: factory prefinished [White] [Linen White] [Bright White] [stain<sub>2</sub>]].

#### Hardware

- Galvanized block-and-tackle balances are connected to self-locking balance shoes which are connected to the sashes using zinc die cast terminals and concealed within the frame.
- Sash lock is [standard] [historic spoon-style]. Two sash locks on units with make width 37" and greater.
- Optional Sash lift furnished for field installation. Two lifts on units with make width 37" and greater.
- Hardware finish is [baked enamel] [Champagne] [White] [Brown] [Matte Black] [satin brass] [satin nickel] [oil-rubbed bronze] [distressed bronze] [distressed nickel].

#### Optional Products

##### Grilles

- Integral Light Technology® grilles
  - Interior grilles are [5/8"] [7/8"] [1-1/4"] ogee profile that are solid [pine] [mahogany]. Interior surfaces are [unfinished, ready for site finishing] [factory primed] [pine: factory prefinished [White] [Linen White] [Bright White] [stain<sub>2</sub>]].
  - Exterior grilles are [5/8"] [7/8"] [1-1/4"] putty glaze profile [pine] [mahogany], water repellent, preservative-treated in accordance with WDMA I.S.-4, and are factory primed.
  - Patterns are [Traditional] [Prairie] [Top Row] [New England] [Victorian].
  - Insulating glass contains non-glare spacer between the panes of glass.
  - Grilles are adhered to both sides of the insulating glass with VHB acrylic adhesive tape and aligned with the non-glare spacer.
- Grilles-Between-the-Glass<sub>3</sub>
  - Insulating glass contains 3/4" contoured aluminum grilles permanently installed between two panes of glass.
  - Patterns are [Traditional] [9-Lite Prairie] [Cross] [Top Row] [factory primed] [White] [Tan<sub>4</sub>] [Brown<sub>4</sub>] [Putty<sub>4</sub>] [Black] [Ivory] [Harvest] [Cordova] [Brickstone].
  - Exterior color<sub>5</sub> is [standard<sub>2</sub>].

##### Screens

- InView™ Screens
  - [Half-Size] [Full-Size] black vinyl-coated 18/18 mesh fiberglass screen cloth complying with the performance requirements of SMA 1201, set in a [extruded] [standard] aluminum frame fitted to outside of window, supplied complete with all necessary hardware.
  - Spreader bar placed on units > 37" width or 64-1/4" make height.
  - Screen frame finish is baked enamel, color to match window cladding.

##### Hardware

- Optional factory applied limited opening device available for vent units in stainless steel; nominal 3-3/4" opening. Limiting device concealed from view.
- Optional window opening control device available for field installation. Device allows window to open less than 4" with normal operation, with a release mechanism that allows the sash to open completely. Complies with ASTM F2090-10.

(1) Low-E coated insulating glass is argon-filled (except high altitude). All other insulating glass (including high altitude Low-E) is air-filled.

(2) Contact your local Pella sales representative for current color options.

(3) Available in clear or Low-E insulating glass only.

(4) Tan, Brown and Putty interior GBG colors are available in single-tone (Brown/Brown, Tan/Tan or Putty/Putty). Other interior colors are also available with Tan or Brown exterior.

(5) Appearance of exterior grille color will vary depending on Low-E coating on glass.



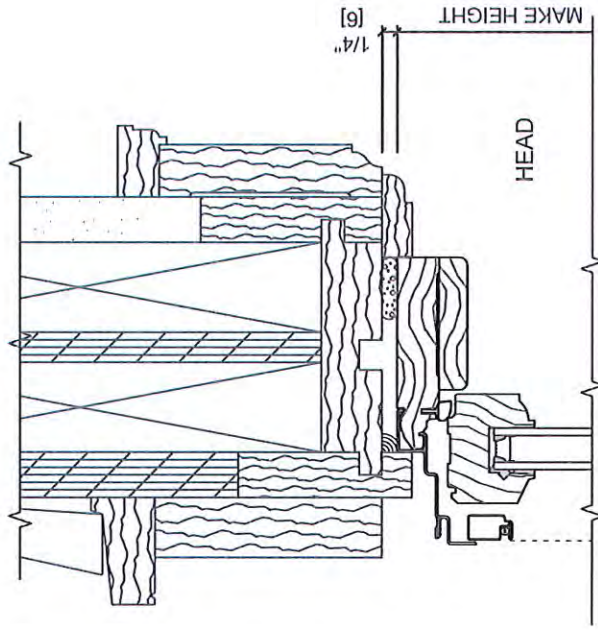






# Pella® Reserve™ Traditional Precision-Fit Hung Window

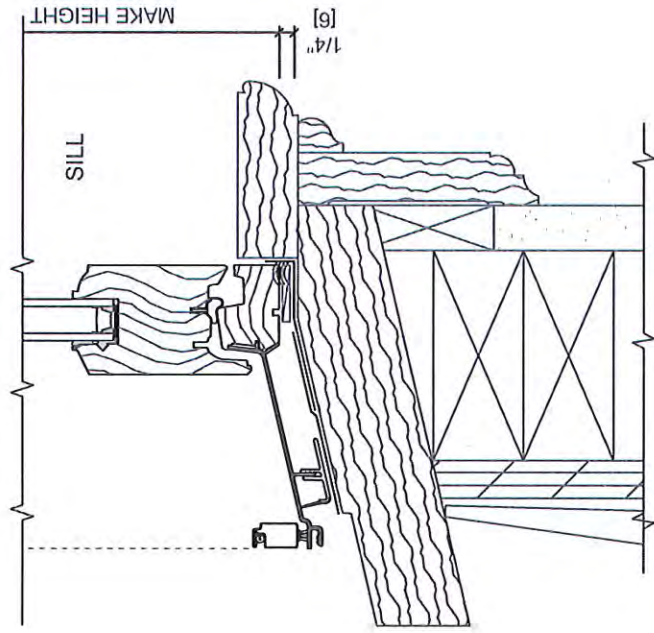
## Installation Details - Wood Exterior Sash



**NOTE:**

WALL CONSTRUCTION AND OLD DOUBLE-HUNG FRAME SHOWN ARE EXISTING; OLD DOUBLE-HUNG SASH HAS BEEN REMOVED. REFER TO THE APPROPRIATE PELLA INSTALLATION INSTRUCTION FOR COMPLETE STEP BY STEP INSTRUCTIONS.

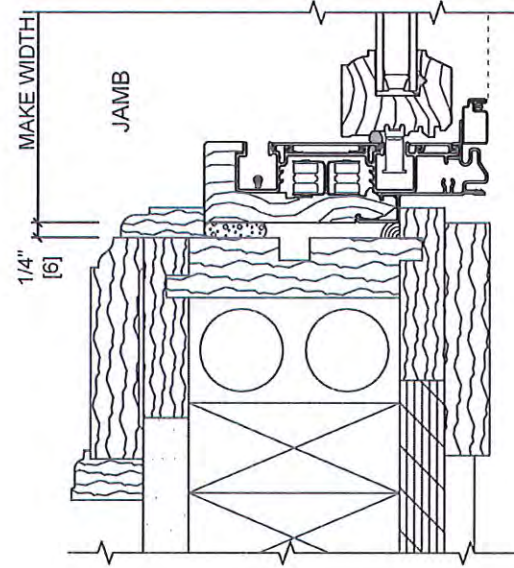
SHIM AND PLUMB UNITS AS REQUIRED.  
SEAL UNIT TO EXTERIOR / BLIND STOP.



SEAL THE UNIT TO EXISTING STOOL AND WINDOW SILL.  
SEAL ADJUSTABLE SILL ADAPTER TO EXISTING WOOD SILL.  
LEVEL UNITS AS REQUIRED.

**NOTE:**

THE ADJUSTABLE SILL ADAPTER MAY BE REMOVED WHEN THE EXISTING WINDOW SILL HAS A SLOPE OF 12 DEGREES OR LESS.



INSULATE ALL VOIDS AT WINDOW PERIMETER (BY OTHERS).  
SEAL UNIT TO EXTERIOR / BLIND STOP.

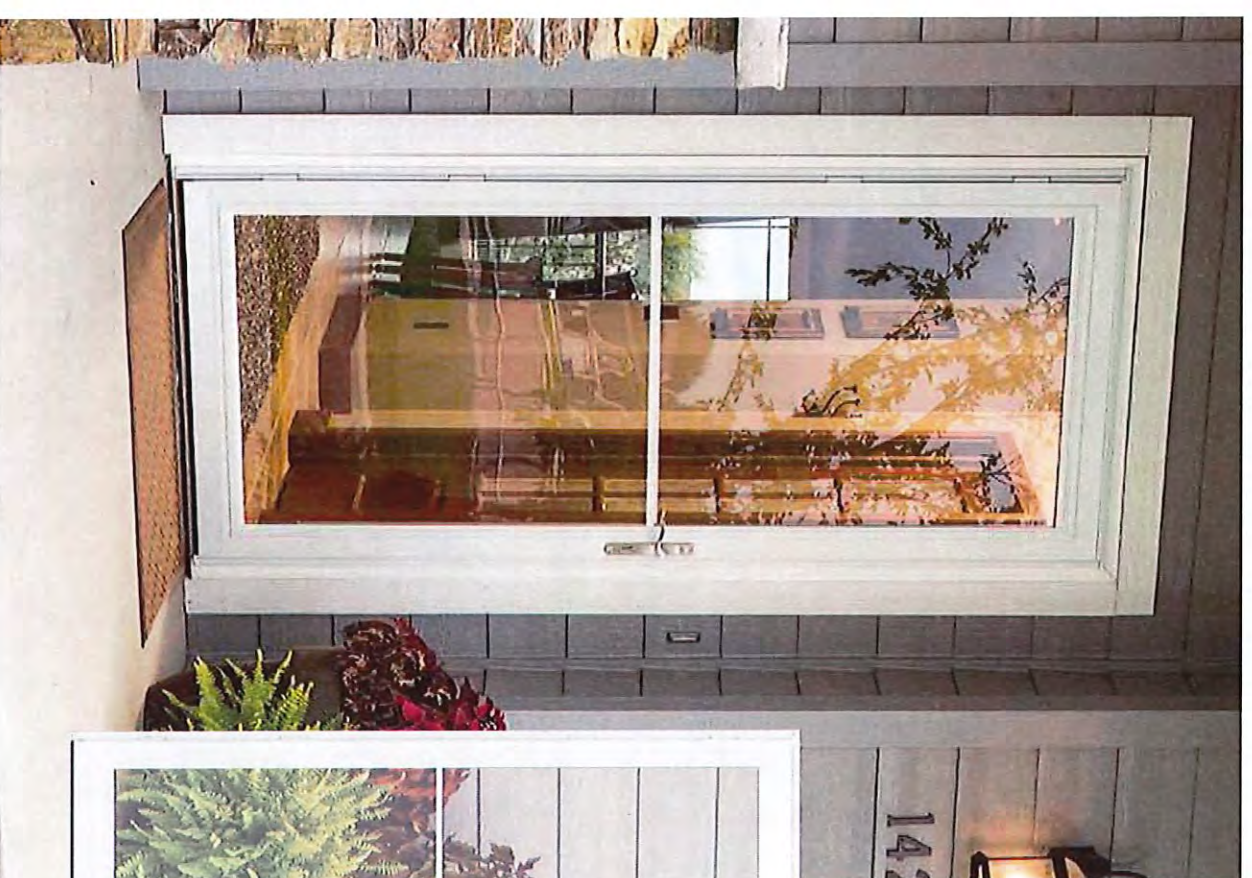
Scale 3" = 1' 0"

All dimensions are approximate.



# Pella® Select® Rolscreen® storm doors

Enjoy the best of both worlds - light and air. Pella Select Storm Doors with Rolscreen retractable screens offer a refreshing breeze, a clear view, or both.



## LIGHT AND FRESH AIR.

### Reflect your personal style.

Pella Rolscreen storm doors offer popular color and hardware finishes to enhance your curb appeal.



36" x 81" Low-E  
32" x 81" Low-E

Choose your Select Handle.



### Rolscreen Retractable Screen.

An exclusive operating system includes a conveniently concealed screen. Gently pull it down to provide ventilation. Lift it up, and it glides out of sight.

Choose midview or fullview glass for maximum light or more protection. Two models offer a stylish handle - inside and out - with a keyed deadbolt, available in five finishes. A One-Touch® closer holds the door open at the touch of a button.

5600E Fullview    5625E Midview







**INTEX**<sup>®</sup>  
MILLWORK SOLUTIONS



[intexmillwork.com](http://intexmillwork.com)



# Liberty Extruded Rail

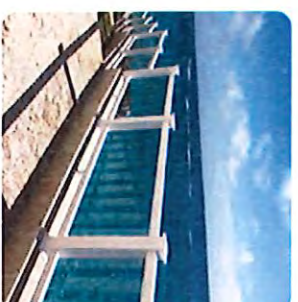
Unique Routed Rail System  
That Saves on Labor and Material Costs!



### Unique Liberty Rail Features

- Pre-Routed For Easy Installation - Save On Labor!
- Our 2 3/4" Flat Top Profile Is Irc Code R311.7.8.3 Compliant For Residential Stair Grasppability
- Standard Kits Ship With Solid 1 1/4" Square-Edge Baluster
- Optional Hollow Baluster Reduces Material Costs (Available For 6' And 8' Level Spans Only)

### Popular Upgrades for Liberty Rail



Glass Balusters



Decorative Panels

### Patented Racking Stair System

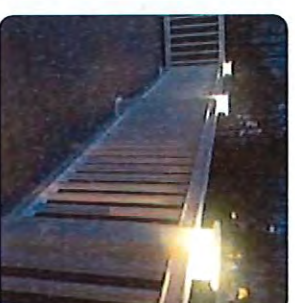
Pre-routed for easy assembly with an innovative Racking Stair detail that accommodates 18° to 40° Rake Angle.

### Longer, Code Compliant Spans

Meets International Residential Code (IRC) for spans up to 10 feet on both level and stair rail.



Radius Rail

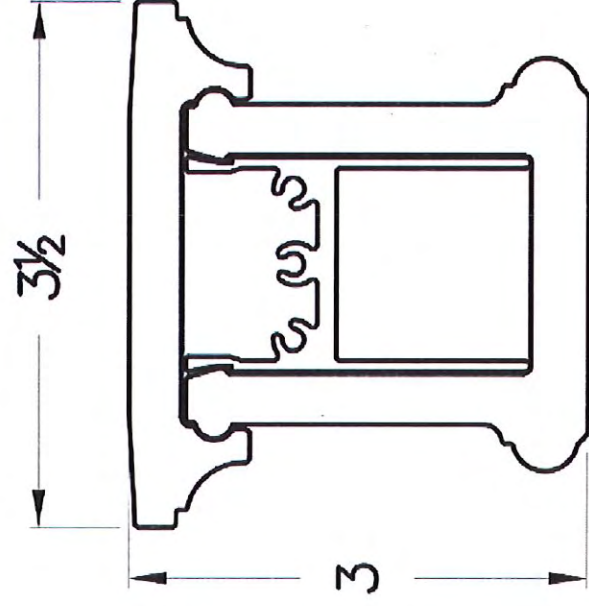


Lighted Newel Caps

Details For All Available Rail Upgrades Start On Page 18



RS60 Liberty Kits	6' Length	8' Length	10' Length	12' Length
36" Height	✓	✓	✓	✗
42" Height	✓	✓	✓	✗
Stair Application	✓	✓	✓	✗



### Liberty RS60350

#### Flat Top with Character

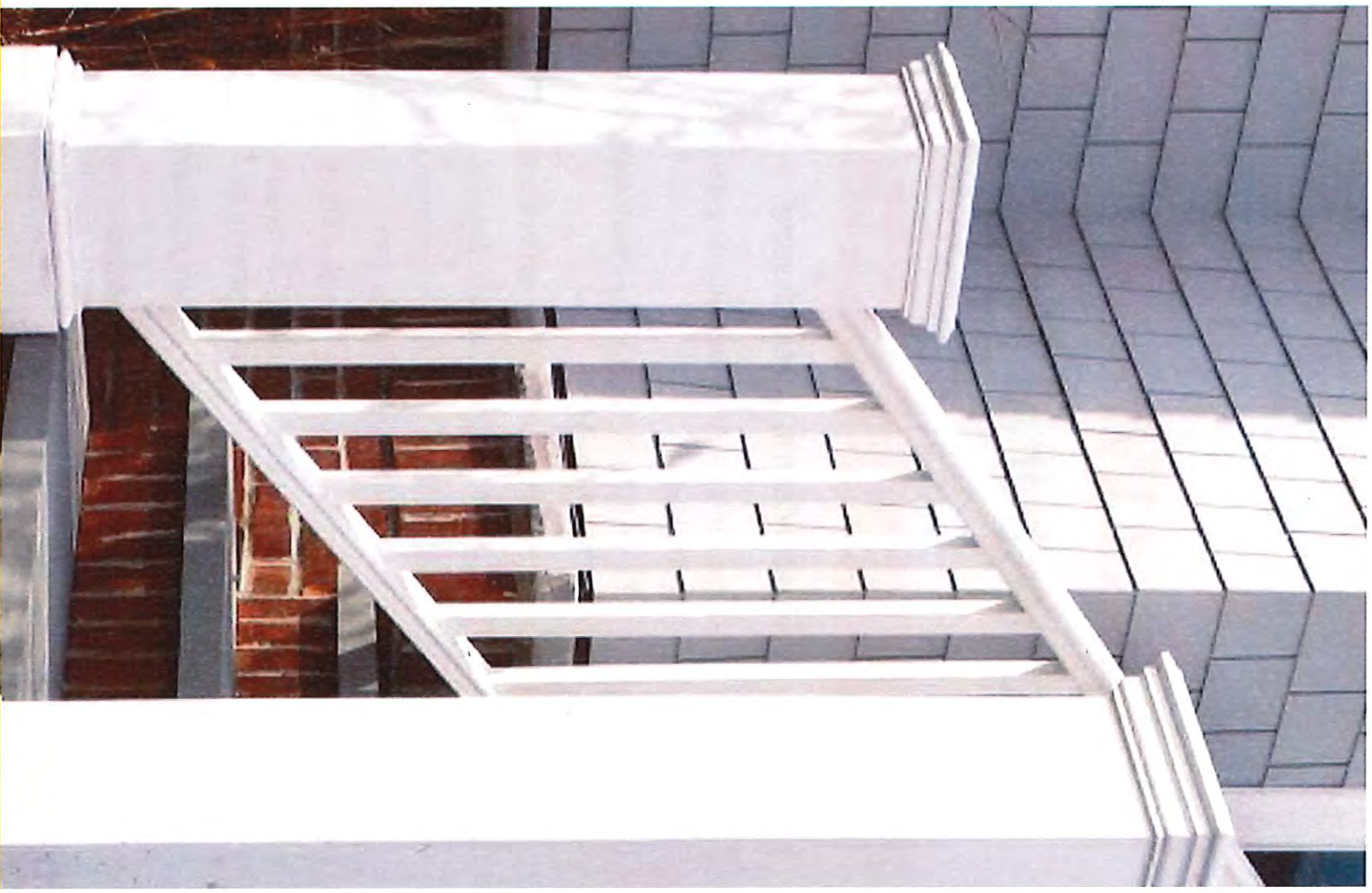
3-1/2" Liberty is our decorative, beverage-friendly profile. This profile is predominantly used for level rail, in conjunction with 2-3/4" profile on stair applications.

Price Range: 

Installation: 







# Common Features

## Newel & Column Wraps

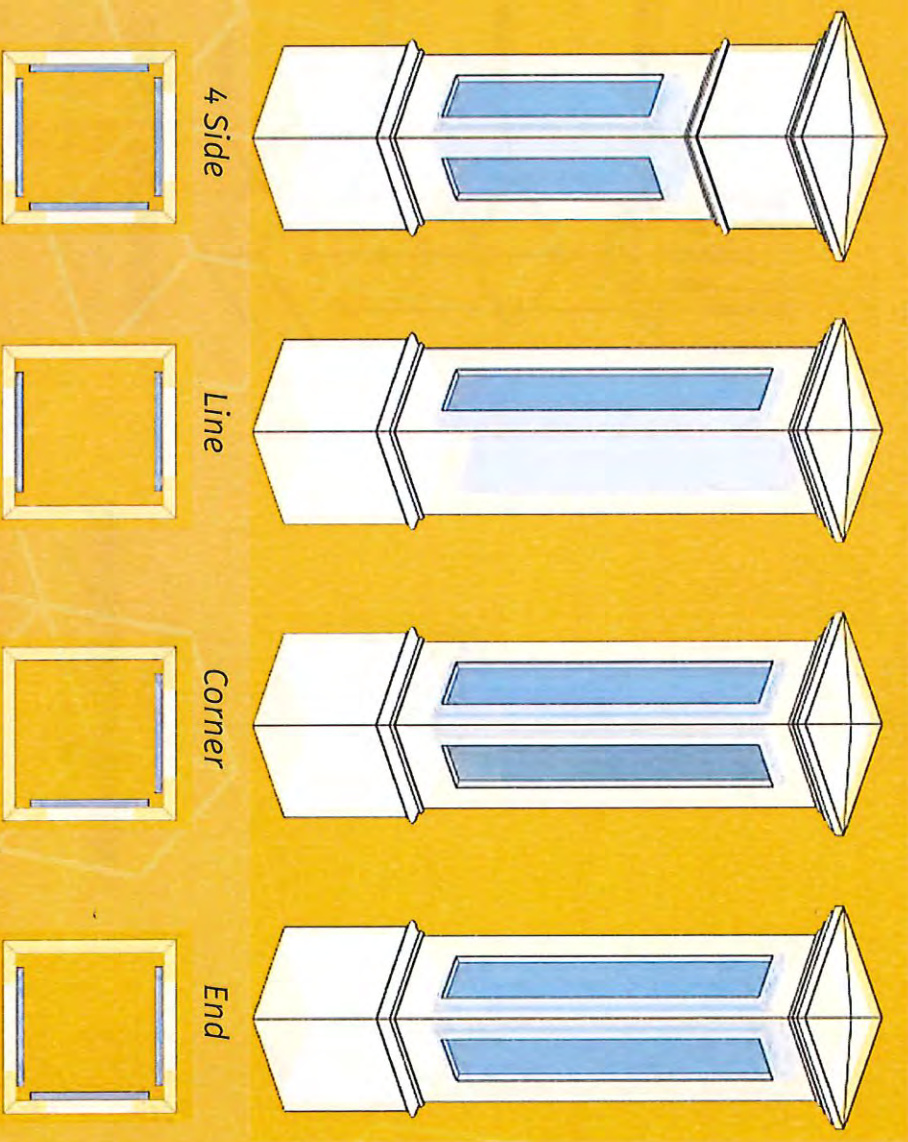
Wrapped in stylish designs, newels and columns can do double duty as both vital architectural components and dramatic visual elements. Homes adorned with columns and newels convey a feeling of timeless strength and beauty.

### All INTEX Newel & Column Wraps:

- 100% Cellular PVC
- Multiple Style Options Available – Flat, Recessed, Raised, Or Chamfered
- Used With Existing Structural Members Or Used In Stand-Alone Non-Structural Applications
- Split Pedestal Options Are Available
- Compatible With All INTEX Rail Systems
- Custom Newel And Column Wraps Can Be Created To Meet Your Design Requirements Or For Historic Restoration
- Do Not Require Paint, But Can Be Painted With A Light Reflective Value (LRV) Of 55 Or Greater

### Short Panel 4-Sides vs Line, Corner, and End Newels

- Short Panel 4-Side Newels Are Predominantly Designed For Skirted Newel Caps (Top Rail Dies Into Skirt, Not Newel Face)
- Short Panel 4-Side Can Be Used When The Supplier Doesn't Know Newel Locations, But It Is Not Recommended (Inferior Detail)
- Skirted Newel Lids Cannot Be Used With Line, Corner, And End Newels
- Line, Corner, And End Newels Are Designed To Give A Full Panel Detail On Non-Rail Side And Flush Panel Face On Rail Side





# Newel Wraps Structural Post

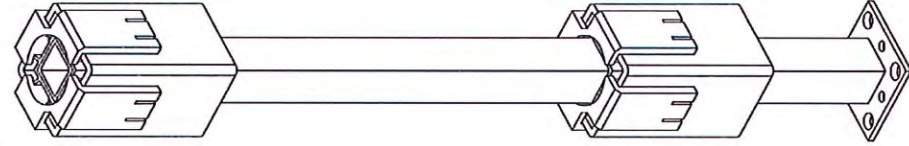


## Post-Mount & Hardware

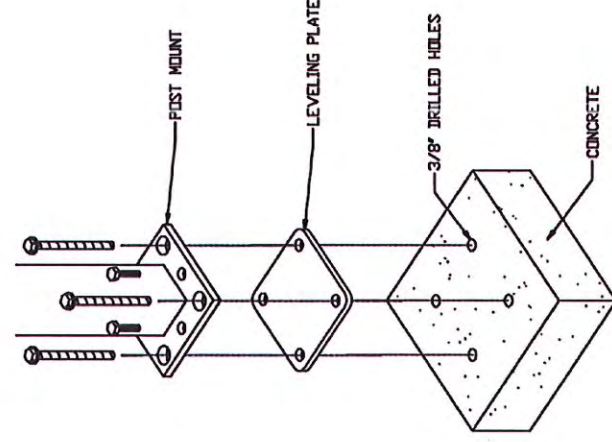
- Structural Post System Requires 2 Items To Complete
- NEWELPOST36/42 (Structural Post) **Along With One Of The Following:**
  - NEWELMOUNT-W (Through Bolt Detail) **OR**
  - NEWELMOUNT-C (Lag Bolt Detail)
- Includes #10 x 1-1/2" Rail Attachment Screws For Proper Fastening Of Rail To Post
- Works For Both 36" & 42" Rail Heights
- Includes Injection Molded Compression Shims For Easy Use With NEWEL5 & NEWEL5-EX
- Salt Spray Tested For Coastal Application



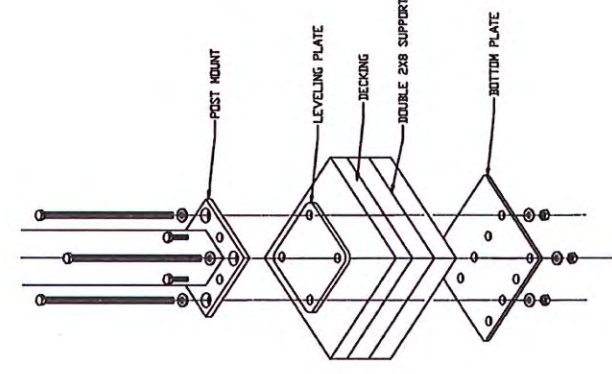
**GET AN INSTANT QUOTE!**  
[www.intexmillwork.com](http://www.intexmillwork.com)



Structural Posts	Liberty	Hampton	Providence	Dartmouth	Nautilus
	✓	✓	✓	✓	✓



**NEWELPOST36/42**  
POST MOUNT WITH GUIDES



**NEWELMOUNT-W**  
POST MOUNT HARDWARE KIT  
FOR WOOD APPLICATION



# Newel Wraps

## Extruded & Fabricated

### Newel Wraps with Lids & Bases



IMPC5 works with  
NEWEL5-EX & NEWEL5



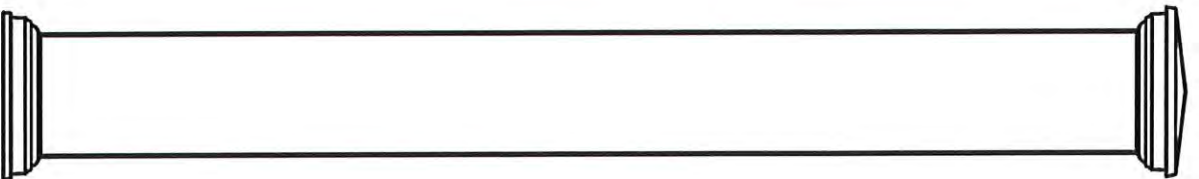
NCFLAT5 works with  
NEWEL5-EX & NEWEL5  
NCFLAT6.5 works  
with NEWEL6.5



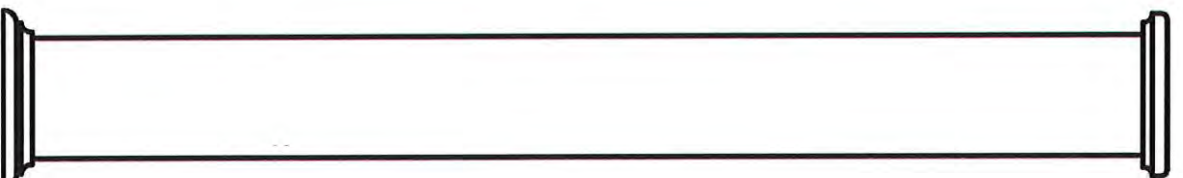
NCPYRAMID5 works with  
NEWEL5-EX & NEWEL5  
NCPYRAMID6.5 works  
with NEWEL6.5



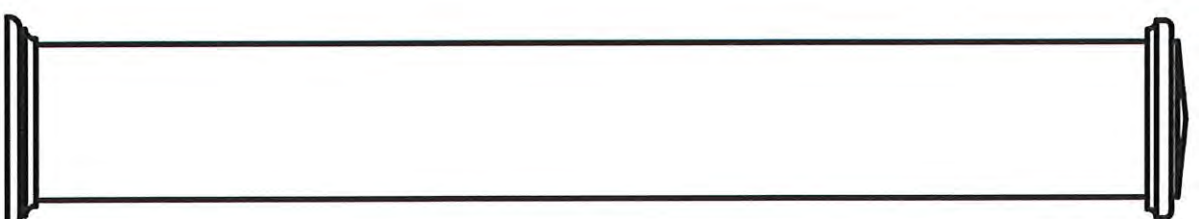
NCHAR5 works with  
NEWEL5-EX & NEWEL5  
NCHAR6.5 works  
with NEWEL6.5



NEWEL5-EX  
with IMPC5 & IMTRS5



NEWEL5  
with NCFLAT & NBTRS5



NEWEL6.5  
with NCPYRAMID & WM75



IMTRS5 works with  
NEWEL5-EX & NEWEL5



NBTRS5-EX works with  
NEWEL5-EX only



NBTRS5 works with  
NEWEL5 only



NBTR6.5 works with  
NEWEL6.5 only



# Newel Wraps

## Millwork Newel Wraps

Millwork Newel Wraps are shipped fully assembled and ready to be incorporated with structural components — typically a 4 x 4, 6 x 6, or a Structural Post Mount — for installation.

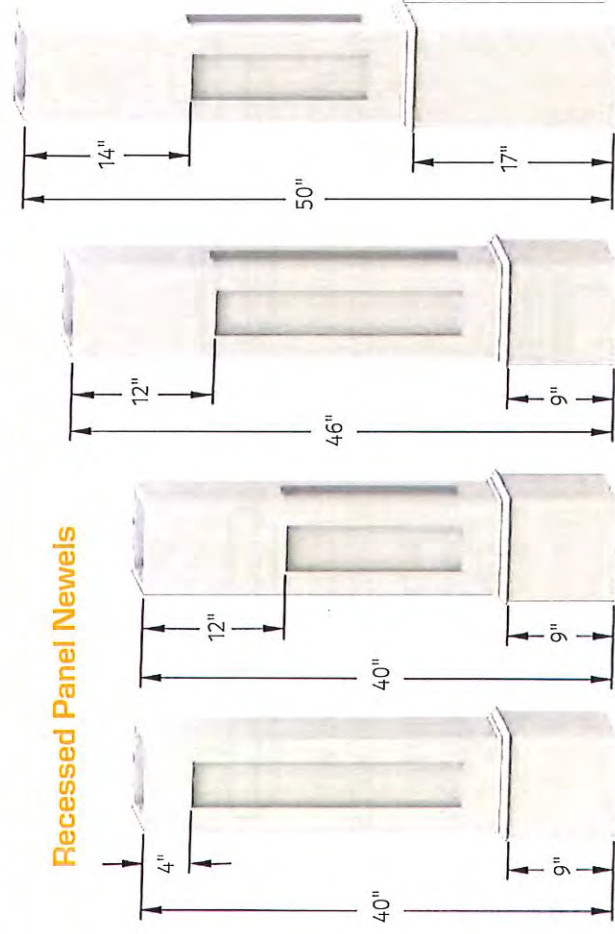
### Before Ordering, Please Note:

- 40" Newels Are For Use With 36" Level Rails
- 46" Newels Are For Use With 42" Level Rails
- 50" Newels Are For Use At The Bottom Of Stairs

### Inside Clearance

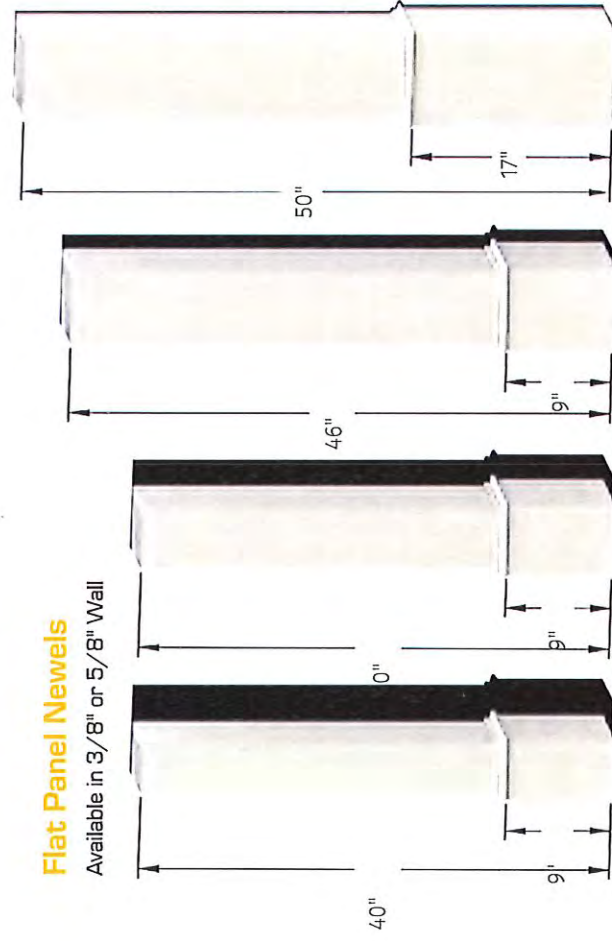
Newel Size	3/8" Flat	5/8" Flat, Raised, or Chamfered	Recessed or Recessed with Inlay
6"	5-1/4"	4-3/4"	4" at Center, 4-3/4" at Top & Bottom
8"	7-1/4"	6-3/4"	6" at Center, 6-3/4" at Top & Bottom
10"	9-1/4"	8-3/4"	8" at Center, 8-3/4" at Top & Bottom
12"	11-1/4"	10-3/4"	10" at Center, 10-3/4" at Top & Bottom

Actual Footprint Includes Base Wrap

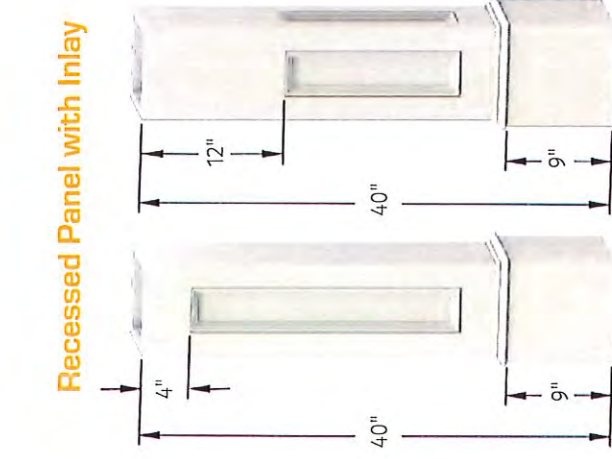


### Flat Panel Newels

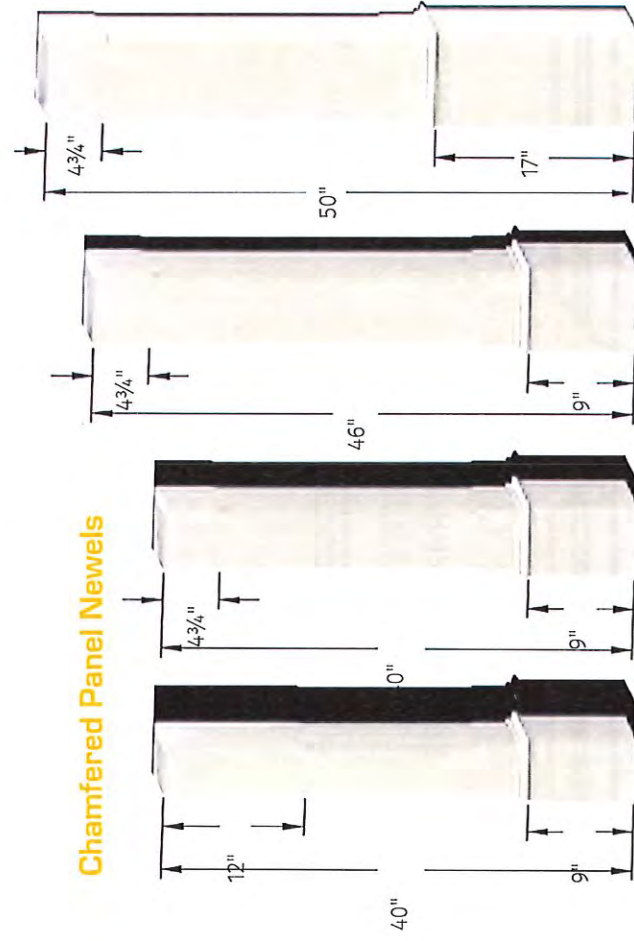
Available in 3/8" or 5/8" Wall



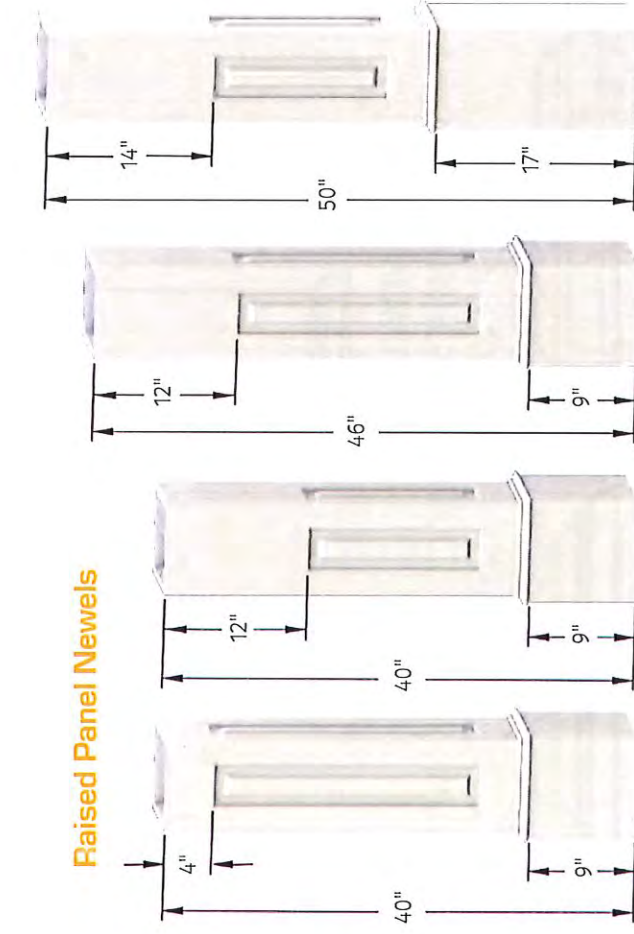
### Recessed Panel with Inlay



### Chamfered Panel Newels



### Raised Panel Newels



Line, Corner, or End Configuration	Flat	Chamfered	Recessed	Recessed with Inlay	Raised
	X	X	✓	✓	✓