



Department of Planning and Zoning

149 Church Street, City Hall
Burlington, VT 05401-8415
Phone: (802) 865-7188
Fax: (802) 865-7195

www.burlingtonvt.gov/pz



DEPARTMENT OF PLANNING & ZONING

Zoning Permit Application

Use this form for ALL zoning permit applications. See the relevant checklist for specific requirements.

PROJECT LOCATION ADDRESS: 57 South Williams Street

PROPERTY OWNER\*: Vermont Organization for Jewish Education - Chabad of Vermont

\*If condominium unit, written approval from the Association is also required

APPLICANT: Stewart Construction

POSTAL ADDRESS: 57 South Williams Street

CITY, ST, ZIP: Burlington, VT 05401

DAY PHONE: (802) 658-5770

EMAIL: chabadofvt@gmail.com

SIGNATURE: [Signature]

I am the owner. In addition, I duly authorize the applicant (if noted) to act on my behalf for all matters pertaining to this zoning permit application.

POSTAL ADDRESS: 24 Pearl Street

CITY, ST, ZIP: Essex Junction, VT 05452

DAY PHONE: (802) 879-0500

EMAIL: info@stewart-construction.com

SIGNATURE: [Signature]

Description of Proposed Project: The Project is to be a two-level addition of approximately 5500 square feet to the west side of the existing building. It is to provide a new worship sanctuary on the upper level, with supporting spaces on the lower level, with new off-street parking, landscaping, and erosion prevention.

Existing Use of Property: [ ] Single Family [ ] Multi Family: # \_\_\_ Units [ ] Other: Religious Activities

Proposed Use of Property: [ ] Single Family [ ] Multi Family: # \_\_\_ Units [ ] Other: Religious Activities

- Does your project involve new construction, addition, alteration, renovation, or repair to a structure that is heated or cooled? Yes [X] No [ ]
Will 400 sq ft or more of land be disturbed, exposed and/or developed? Yes [X] No [ ]
For Single Family & Duplex, will total impervious area be 2500 sq ft or more? Yes [X] No [ ]
Are you proposing any work within or above the public right of way? Yes [ ] No [X]

Estimated Construction Cost (value)\*: \$ 1,800,000.00

(\*Estimated cost a typical contractor would charge for all materials and labor, regardless of who physically completes the work)

Within 30 days of submission, the permit application will be reviewed for completeness, and, if complete, will be processed administratively or referred to a board for review. All permit approvals or denials are subject to an appeal period (15 days for administrative permit; 30 days for board permit). A building (and/or electrical, mechanical, plumbing, curb cut) permit will also be required. Contact the Department of Public Works at 802-863-9094 to inquire. Please ask for assistance if you have any questions about filling out this form. Call the Planning and Zoning at 802-865-7188, or visit the office in the lower level of City Hall, 149 Church Street.

Office Use Only: Zone: R4 Eligible for Design Review? 4 Age of House 1884 Lot Size 59626
Type: SN AW \* FC BA COA 1 COA 2 COA 3 CU MA VR HO SP DT MP
Check No. 017826 Amount Paid \$3710.00 Zoning Permit # 17-0455CA

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**Chabad of Vermont**  
**Synagogue and Jewish Center**  
57 South Williams Street  
Burlington, Vermont

This project proposes to construct a two-level addition to the existing facilities at 57 South Williams Street creating a new sanctuary space on the upper level, with support facilities on the lower level, including a library room, small chapel, and support offices. Both levels will have washroom facilities and will be handicap accessible. The addition will not be internally connected to the existing facility.

The existing facilities will not change in the scope of this project. Existing spaces may be renovated at a later date.

The projected Occupancy of the new addition is to be 100 occupants, with moveable seating and moveable tables. The additional parking requirements for this assembly occupancy is to be 25 cars in addition to the current number of cars allowed.

The Drawings Included are the following:

SK-1 through SK-8 – Architectural Design  
C-1 through C-5 – Civil Engineering Design  
Landscape Plan  
Stormwater Details  
Miscellaneous Cut Sheets and Material Specifications

The following are some current photographs of 57 South Williams Street



Williams Street Entrance

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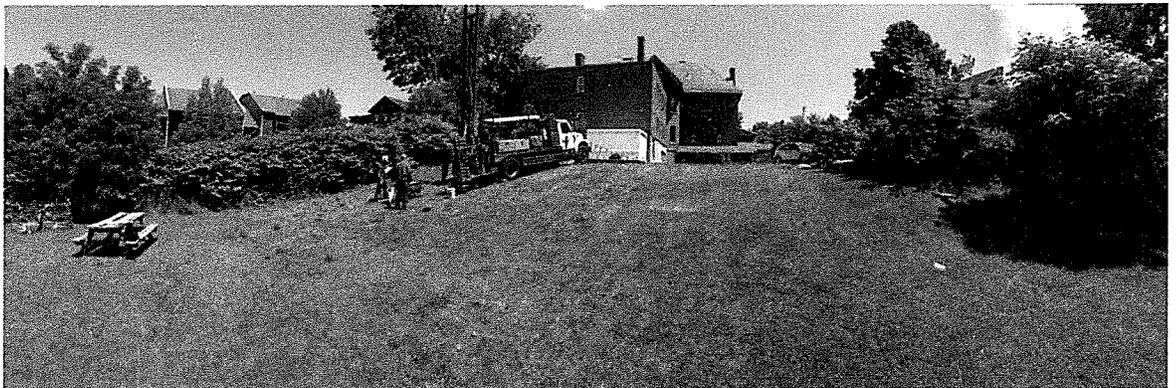
Current Side Entrance

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Current Rear of Building – South Elevation

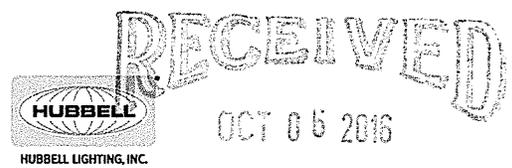
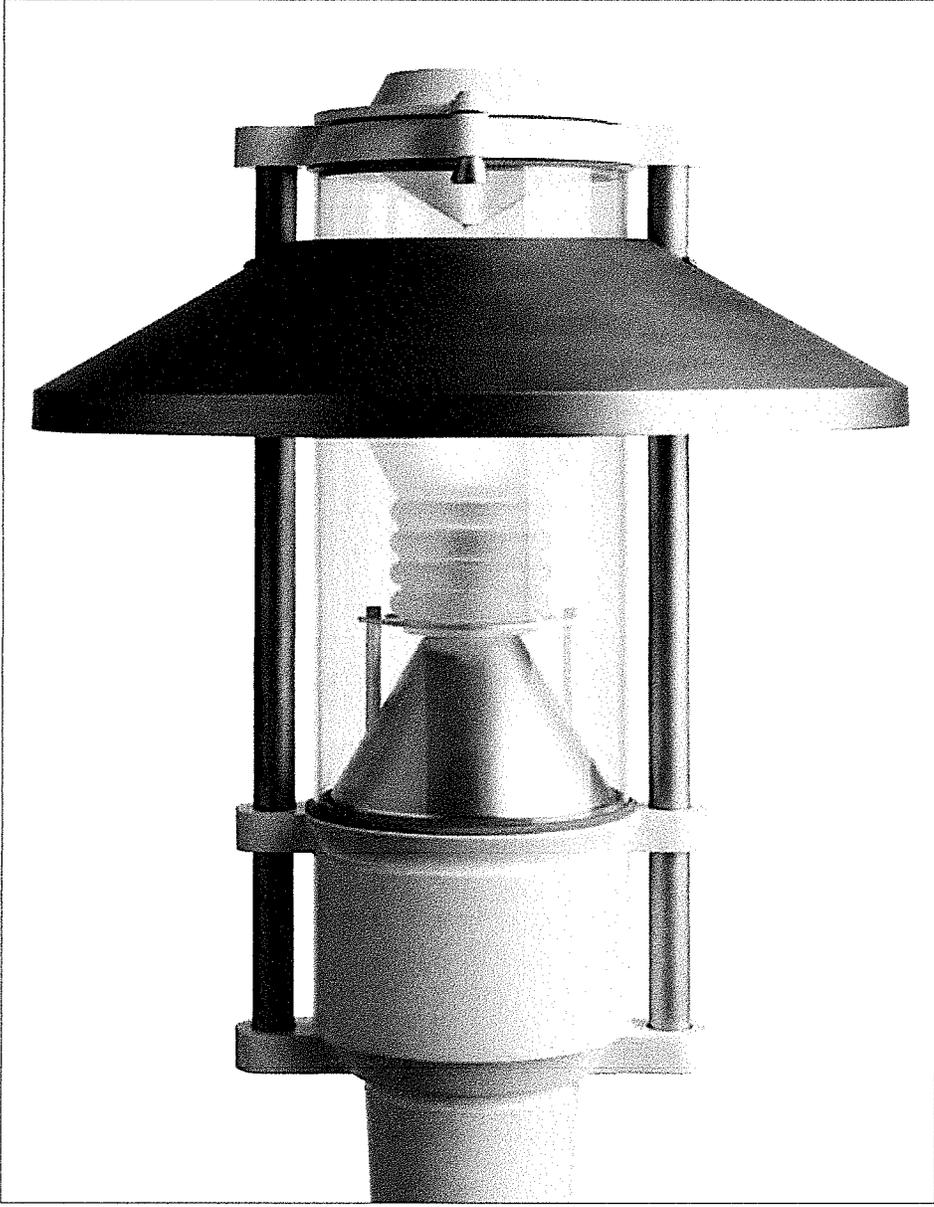


Current Rear Slope of Site

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SPECTRA

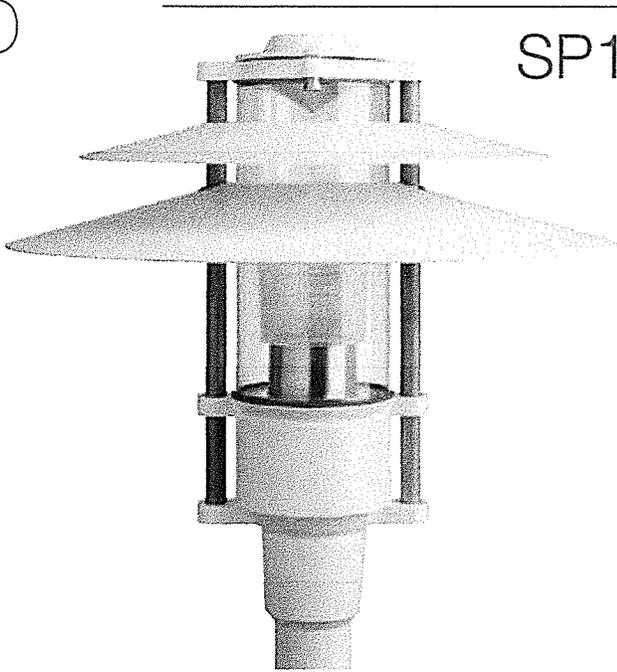


Architectural Area Lighting  
16555 East Gale Ave. | City of Industry | CA 91745  
T 626.968.5666 | F 626.369.2695 | [www.aal.net/aal/sp312.html](http://www.aal.net/aal/sp312.html)

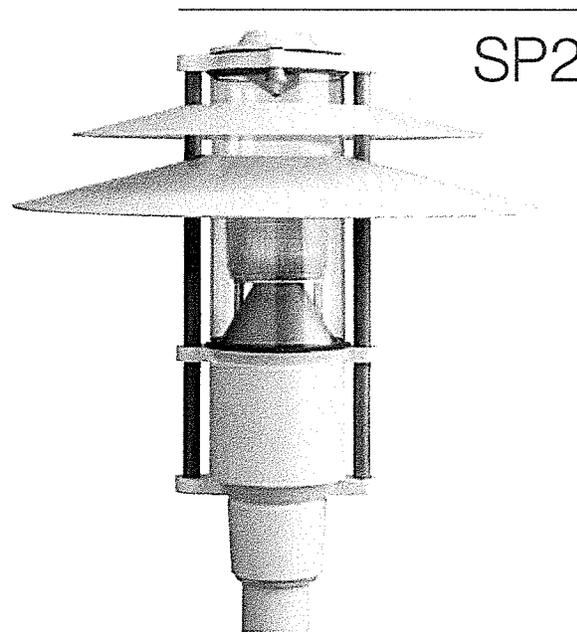
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# 3 SCALES

The Spectra is a fixture program allowing you to configure a look in harmony with your architecture. The SP1 and SP2 offers you the freedom to specify the size, finish and optics to compliment your design. The SP10 is a high wattage fixture designed to illuminate parking areas of the site using taller poles and wider spacing.



SP1



SP2

## LARGE SCALE

### MOUNTING OPTIONS

- Post top
- Post mounted arm
- Wall mounted arm

### LAMP OPTIONS

- 50-175 watt metal halide
- 50-150 high pressure sodium

## SMALL SCALE

### MOUNTING OPTIONS

- Post top
- Wall mounted arm

### LAMP OPTIONS

- 42 watt CF
- 50-100 watt metal halide
- 50-100 high pressure sodium

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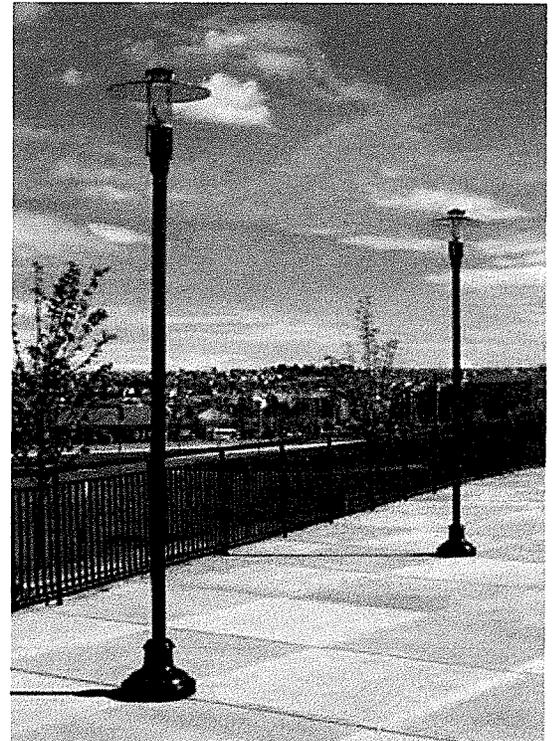
OCT 10 2015

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SPECTRA



SPB



SP1 IND5 PR4 BC6-4

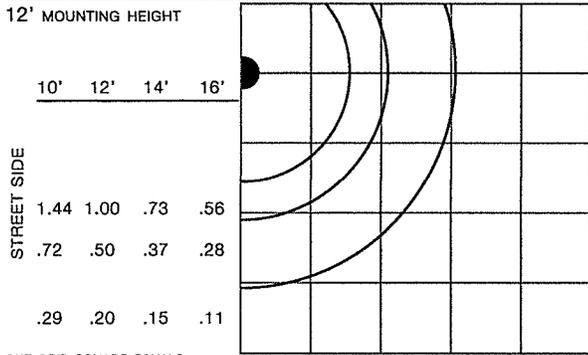
SP1 DBL IND5 3P10



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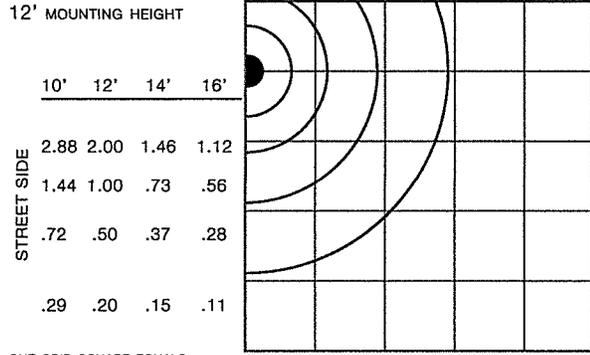
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**SP1 ANG GLA WHT 100MH**



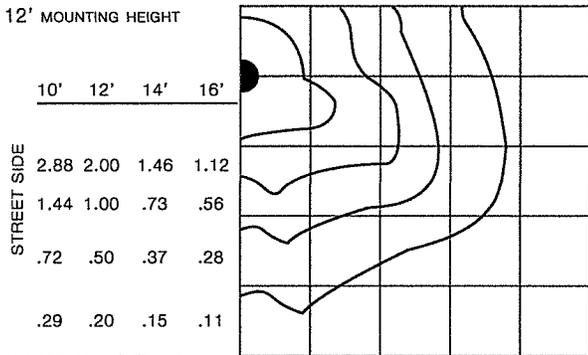
ONE GRID SQUARE EQUALS ONE MOUNTING HEIGHT

**SP1 ANG GLA COP(COPPER HOOD)100MH**



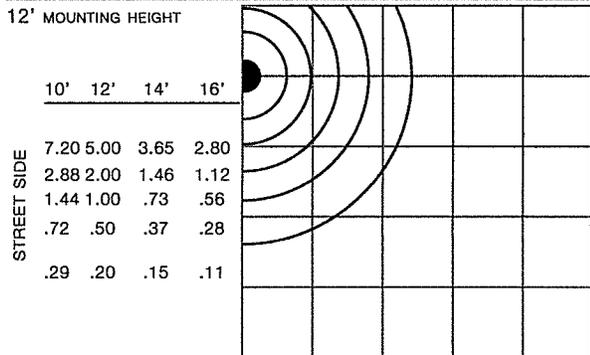
ONE GRID SQUARE EQUALS ONE MOUNTING HEIGHT

**SP1 ANG GR3 WHT 100MH**



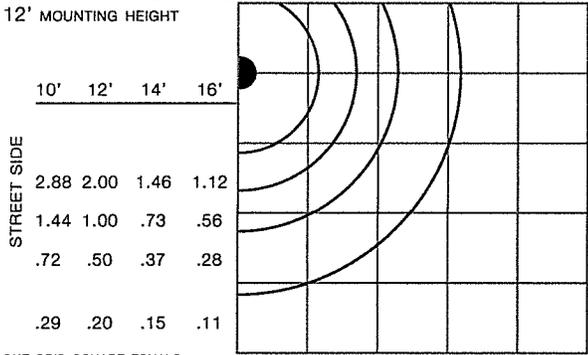
ONE GRID SQUARE EQUALS ONE MOUNTING HEIGHT

**SP1 IND WHT 100MH**



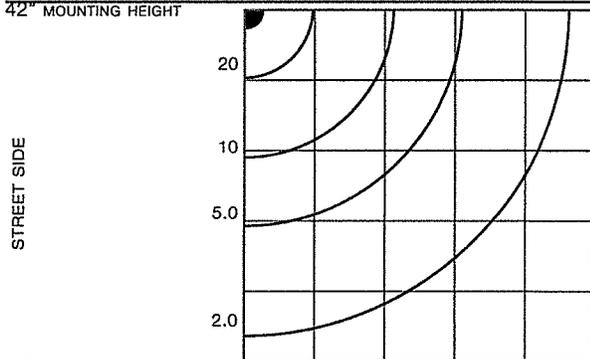
ONE GRID SQUARE EQUALS ONE MOUNTING HEIGHT

**SP1 ANG LDL WHT 100MH**



ONE GRID SQUARE EQUALS ONE MOUNTING HEIGHT

**SPB 70MH**



ONE GRID SQUARE EQUALS TWO FEET

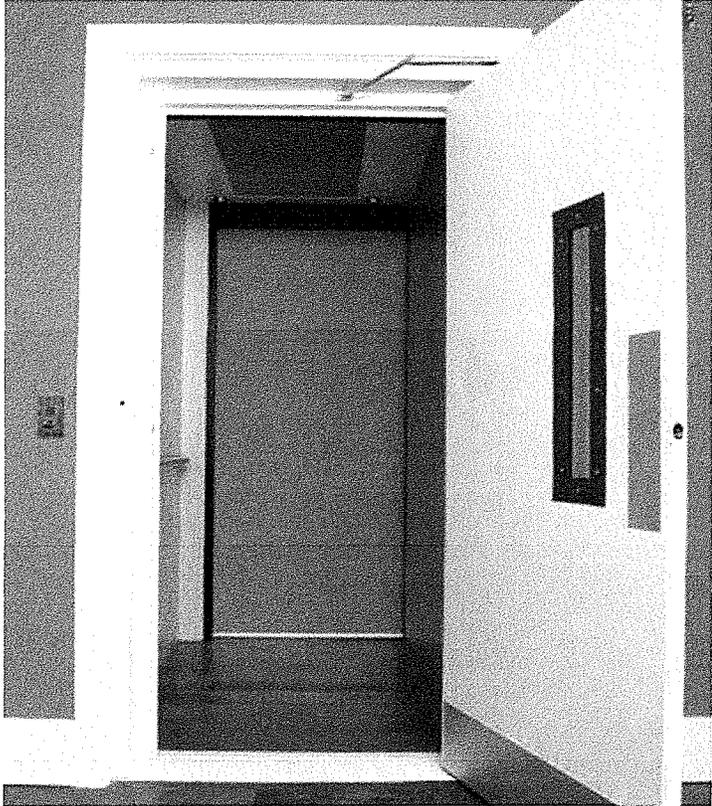
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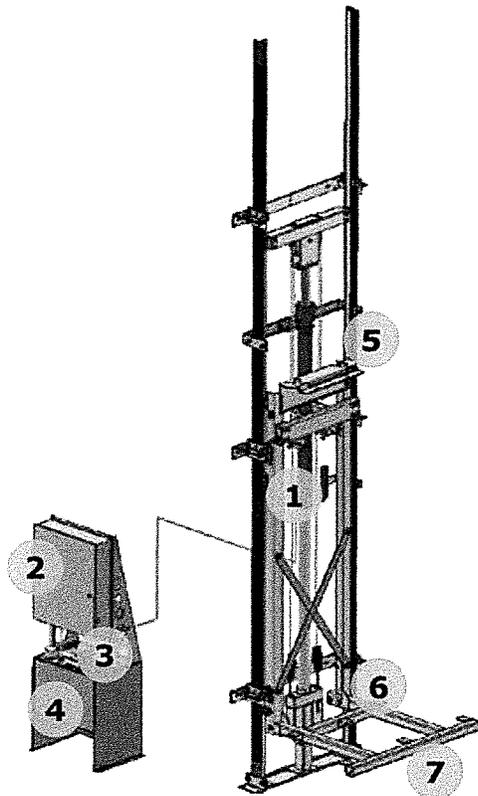
# ELVORON CPL

## COMMERCIAL PLATFORM LIFT



Vertical platform lift with a full height cab

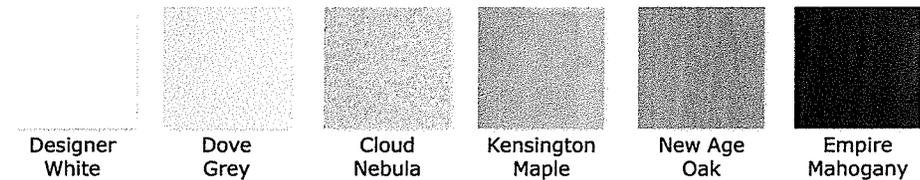
DRIVE SYSTEM



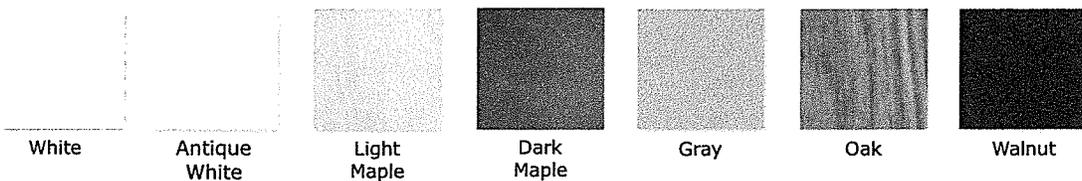
- 1** 1:2 Cable Hydraulic Drive
- 2** Computerized (PLC) controller has an emergency backup power system for lowering in the event of power failure.
- 3** Two-speed hydraulic control valve provides smooth, comfortable starting and stopping.
- 4** Submersed hydraulic pump and motor ensures quiet operation.
- 5** Sturdy 8 lbs per foot elevator guide rail system ensures a smooth, quiet ride
- 6** Heavy duty cantilevered car support sling provides capacity of up to 1,400 lbs (635 kg).
- 7** Recommended pit depth is 9-1/4" (235 mm). Higher capacity and wider cars require a 12" (305mm) pit depth.

WALL FINISHES

Laminate



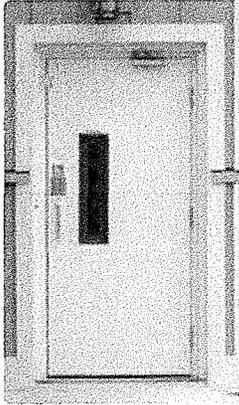
Melamine



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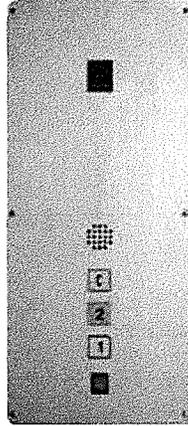
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**Entrance Doors**



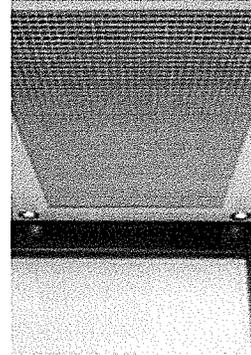
The CPL is equipped with fire rated swing doors that are fitted with electro-mechanical interlocks. This allows the doors to open only when the car is at the landing. The doors also include a vision panel and UL listed 2-speed closer with adjustable back-check cushioning (meets ADA requirements). Optional power door operators are also available. CPL doors are supplied with a primer finish.

**Car Operating Panels (COP)**



All CPL cars are controlled by constant pressure button operation as required by national safety codes. The COP includes a digital floor display, floor selection buttons and emergency stop alarm/button. Floor selection buttons can be fitted with numbers or letters. Ensure passenger safety and security with an optional hands-free telephone.

**Ceiling & Lighting**



The CPL features a unique egg crate style ceiling as required by national safety codes. The perimeter of the ceiling is fitted with 4 low voltage L.E.D. lamps that illuminate automatically.

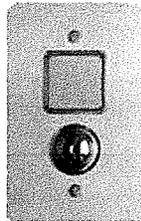
**Handrails**



Brushed  
Stainless Steel

All CPL cars are equipped with one handrail on the control wall. Additional handrails can be mounted for extra passenger safety.

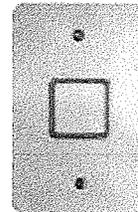
**Keyed Hall Station**



Brushed  
Stainless Steel

For increased safety and security, an optional key switch allows the entire elevator to be deactivated. Key switches can be custom designed to deactivate only certain hall stations or to control access to certain floors.

**Hall Stations**



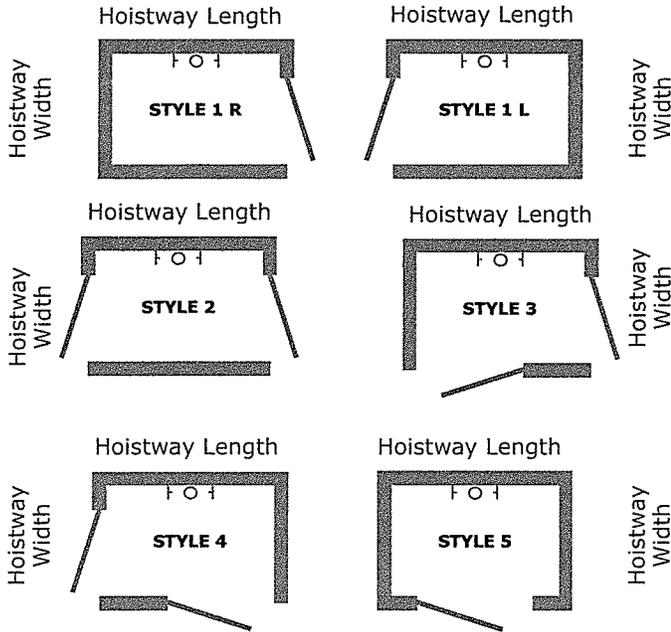
Brushed  
Stainless Steel

Hall station buttons illuminate when pushed. The push buttons are made of stainless steel for maximum durability.

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**ENTRY & EXIT CONFIGURATIONS**

**Vertical Platform Lifts Warning:** Local code authorities may have a limit on travel, capacity, car sizes and speed. Contact Garaventa Lift before starting your project.



**SPECIFICATIONS**

**Rated Load:** Standard 750 lbs (340 kg) or 1,000 lbs (455 kg) | Optional 1,400 lbs (635 kg)

**Speed:** 30 ft/min (0.15 m/s) nominal speed | Optional 36 ft/min (0.18 m/s)

**Power Supply:** Elevator: Standard 208 VAC 3 phase | Optional 230 VAC single phase | Lighting: 110 VAC single phase, 15 amps

**Safety Features:** Emergency battery lowering | Emergency manual lowering valve | Safety brake system | Automatic bi-directional floor levelling | Emergency stop and alarm button in car | Final limit switch

**Travel Range:** CSA B355: 23 ft (7.0 meters) | A18.1: 14ft (4.2 meters) | Optional (where permitted) 50 ft (15.2 meters)

**Code Compliance:** ASME A18.1 | CSA B355 & B613

**Popular Options:** Automatic door operators | Integrated hands free telephone | Custom car finishes | Additional handrails | Buffer springs (increases your pit depth)

**Warranty:** 2 year standard warranty | Optional additional 5 year extended warranty (7 years)

**HOISTWAY DIMENSIONS**

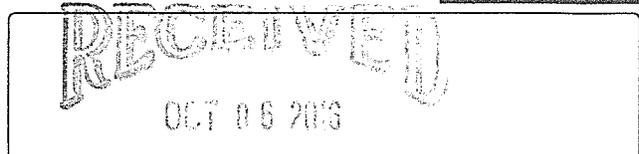
	Style 1L & 1R	Style 2	Style 3 & 4	Style 5
Car Size - 36 x 60				
Hoistway Width	53 3/4	53 3/4	54 3/8	54 3/8
Hoistway Length	63 5/8	61 1/4	66 1/8	66 1/4
Car Size - 42 x 60				
Hoistway Width	59 3/4	59 3/4	60 3/8	60 3/8
Hoistway Length	67 5/8	69 1/4	70 1/8	66 1/4
Car Size - 48 x 60				
Hoistway Width	65 3/4	65 3/4	66 3/8	66 3/8
Hoistway Length	67 5/8	69 1/4	70 1/8	66 1/4

**For design assistance:**

**(800) 663-6556 | garaventalift.com**

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37158-O-PB-EN



Authorized Garaventa Lift Representative  
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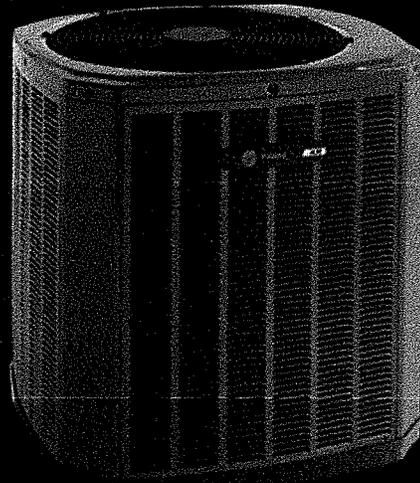
[PRODUCTS AND SYSTEMS](#) [CONTROLS](#) [SERVICES](#) [PARTS & SUPPLIES](#) [MARKETS](#)

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# Split Systems

1.5 to 5 Tons



[Overview](#)

[Tech Specs](#)

[Literature](#)

## Resources

[!\[\]\(d4a6cd25494365257969801de384a807\_img.jpg\) Locate Your Sales Office](#)

[!\[\]\(f6c68033bd23c7a6c27d0802ef88105b\_img.jpg\) Locate a Parts Store](#)

4TWR3	018, 024, 030, 036, 042, 048, 060	1-phase	▶ Cooling
4TWR5	018, 024, 030, 036, 042, 048, 049, 060, 061	1-phase	
4TWR6	024, 036, 048, 060	1-phase	
4TWR7	024, 036, 048, 060	1-phase	
4TWB4	018, 024, 030, 036, 042, 048, 060	1-phase	
2TWB3	018, 024, 030, 036, 042, 048, 060	1-phase	

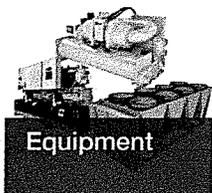
Split System Air Handlers ▼

Split Systems Cooling ▼

Split System Furnaces ▼

Split System Coils ▼

**Related**



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**Section 08 52 13**  
**StormPlus IZ3/IZ4 Clad Ultimate Casement In Sash Polygon**

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**Part 1 General**

**1.1 Section Includes**

- A. Aluminum Clad Wood Ultimate Casement Polygon (Stationary Units only)-units complete with glazing, weather strip, removable grille, grilles-between-the-glass, simulated divided lite, jamb extension, and standard or specified anchors, trim and attachments

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**1.2 Related Sections**

- A. Section 01 33 23 – Submittal Procedures; Shop Drawings, Product Data and Samples
- B. Section 01 62 00 – Product Options
- C. Section 01 65 00 – Product Delivery
- D. Section 01 66 00 – Storage and Handling Requirements
- E. Section 01 71 00 – Examination and Preparation
- F. Section 01 73 00 - Execution
- G. Section 01 74 00 – Cleaning and Waste Management
- H. Section 01 76 00 – Protecting Installed Construction
- I. Section 06 22 00 – Millwork: Wood trim other than furnished by window manufacturer
- J. Section 07 92 00 – Joint Sealant: Sill sealant and perimeter caulking
- K. Section 09 90 00 – Painting and Coatings: Paint and stain other than factory applied finish

**1.3 References**

- A. American Society for Testing Materials (ASTM):
  - 1. E 283: Standard Test method for Rate of Air Leakage through Exterior Windows, Curtain Walls and Doors
  - 2. E 330: Standard Test Method for Structural Performance of Exterior Windows, Curtain Walls and Door by Uniform Static Air Pressure Difference
  - 3. E 547: Standard Test Method for Water Penetration of Exterior Windows, Curtain Walls and Doors by Cyclic Static Air Pressure Differential
  - 4. E1886: Standard Test Method for Performance Windows, Curtin Walls, Doors and Storm Shutters Imacted by Missile(s) and Exposed to Cyclic Pressure Differentials

5. E 1996: Standard Specification or Performance of Exterior Windows, Curtain Walls, Door and Storm Shutters Impacted by Windborne Debris in Hurricanes

6. E 2190: Specification for Sealed Insulated Glass Units

7. C 1036: Standard Specification for Flat Glass

B. American Architectural Manufacturer's Association/Window and Door Manufacturer's Association (AAMA/WDMA/CSA):

1. AAMA/WDMA/CSA 101/I.S.2/A440-05 Standard/Specification for Window, Skylights and Doors

2. AAMA/WDMA/CSA 101/I.S.2/A440-08, NAFS – North American Fenestration Standard/Specification for Windows, Doors and Skylights

3. AAMA/WDMA/CSA 101/I.S.2/A440-11, NAFS 2011 – Northern American Fenestration Standard/Specification for Windows, Doors and Skylights

C. WDMA I.S.4: Industry Standard for Water Repellant Preservative Treatment for Millwork

D. Window and Door Manufacturer's Association (WDMA): 101/I.S.2 WDMA Hallmark Certification Program

E. Sealed Insulating Glass Manufacturer's Association/Insulating Glass Certification Council (SIGMA/IGCC)

F. American Architectural Manufacturer's Association (AAMA): 2605: Voluntary Specification for High Performance Organic Coatings on Architectural Extrusions and Panels

G. National Fenestration rating Council (NFRC):

1. 101: Procedure for Determining Fenestration Product thermal Properties

2. 200: Procedure for Determining Solar Heat Gain Coefficients at Normal Incidence

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## 1.4 System Description

A. Design and Performance Requirements:

Product	Air Tested to psf	Water Tested to psf	Structural Tested to psf	Certification Rating	DP	Max Overall Width	Max Overall Height
Clad Ultimate Casement Polygon Stationary StormPlus IZ4	1.57	10.5	+102.5/-112.5	CW-PG65-FW	+70/-75	60"	108"
Clad Ultimate Casement Polygon Stationary StormPlus IZ4	1.57	10.5	+102.5/-112.5	CW-PG65-FW	+70/-75	72"	71-1/8"
Clad Ultimate Casement Polygon Stationary StormPlus IZ3	1.57	9.75	97.5	CW-PG65-FW	65	60"	106-5/8"
Clad Ultimate Casement Polygon Stationary StormPlus IZ3	1.57	9.75	97.5	CW-PG65-FW	65	72-5/8"	77-1/8"

## 1.5 Submittals

- A. Shop Drawings: Submit shop drawings under provision of Section 01 33 23
- B. Product Data: Submit catalog data under provision of Section 01 33 23
- C. Samples:
  - 1. Submit corner section under provision of section 01 33 23
  - 2. Include glazing system, quality of construction and specified finish
- D. Quality Control Submittals: Certificates: submit manufacturer's certification indicating compliance with specified performance and design requirement under provision of section 01 33 23

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## 1.6 Quality Assurance

- A. Requirements: consult local code for IBC [International Building Code] and IRC [International Residential Code] adoption year and pertinent revisions for information on:
  - 1. Egress, emergency escape and rescue requirements
  - 2. Basement window requirements
  - 3. Windows fall prevention and/or window opening control device requirements

## 1.7 Delivery

- A. Comply with provisions of Section 01 65 00
- B. Deliver in original packaging and protect from weather

## 1.8 Storage and Handling

- A. Prime and seal wood surfaces, including to be concealed by wall construction, if more than thirty (30) days will expire between delivery and installation
- B. Store window units in an upright position in a clean and dry storage area above ground to protect from weather under provision of Section 01660

## 1.9 Warranty

Complete and current warranty information is available at [marvin.com/warranty](http://marvin.com/warranty). The following summary is subject to the terms, condition, limitations and exclusions set forth in the Marvin Windows and Door Limited Warranty and Products in Coastal Environments Limited Warranty Supplement:

- A. Clear insulating glass with stainless steel spacers is warranted against seal failure caused by manufacturing defects and resulting in visible obstruction through the glass for twenty (20) years from the original date of purchase. Glass is warranted against stress cracks caused by manufacturing defects from ten (10) years from the original date of purchase.
- B. Standard exterior aluminum cladding finish is warranted against manufacturing defects resulting in chalk, fade and loss of adhesion (peel) per the American Architectural Manufacturer's Association (AAMA) Specification 2605-11 Section 8.4 and 8.9 for twenty (20) years from the original date of purchase.
- C. Factory-applied interior finish is warranted to be free from finish defects for a period of five (5) years from the original date of purchase.
- D. Hardware and other non-glass components are warranted to be free from manufacturing defects for ten (10) years from the original date of purchase.

## Part 2 Products

### 2.1 Manufactured Units

- A. Description: Factory-assembled Aluminum Clad Ultimate Casement Polygon (stationary only) as manufactured by Marvin Windows and Doors, Warroad, Minnesota.

### 2.2 Frame Description

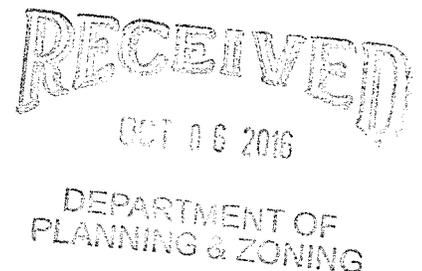
- A. Interior: Non Finger-Jointed Pine or finger-jointed core with non finger-jointed Pine veneer; optional non finger-jointed Douglas Fir or finger-jointed core with non finger-jointed Douglas Fir veneer; optional non finger-jointed White Oak or finger-jointed with non finger-jointed Oak veneer; non finger-jointed Cherry or finger-jointed core with Cherry veneer; non finger-jointed Mahogany or finger-jointed core with non finger-jointed Mahogany veneer; non finger-jointed Vertical Grain Douglas Fir or finger-jointed with non finger-jointed Vertical Grain Douglas Fir veneer.
  1. Kiln-dried to moisture content no greater than twelve (12) percent at the time of fabrication
  2. Water repellant preservative treated in accordance with WDMA I.S.4.
- B. Frame exterior aluminum clad with 0.050 inch (1.3mm) thick extruded aluminum
- C. Frame thickness: 1 3/16" (30mm)
- D. Frame depths for full frame units have an overall 5 21/32" jamb (144mm). 4 9/16" (116mm) jamb depth from the nailing fin plane to the interior face of the frame for new construction.
- E. In-Sash Casement Polygon: minimum frame angle 15°, minimum short leg of Rough Opening 6" (152mm)

## 2.3 Sash Description

- A. Interior: Non Finger-Jointed Pine or finger-jointed core with non finger-jointed Pine veneer; optional non finger-jointed Douglas Fir or finger-jointed core with non finger-jointed Douglas Fir veneer; optional non finger-jointed White Oak or finger-jointed with non finger-jointed Oak veneer; non finger-jointed Cherry or finger-jointed core with Cherry veneer; non finger-jointed Mahogany or finger-jointed core with non finger-jointed Mahogany veneer; non finger-jointed Vertical Grain Douglas Fir or finger-jointed with non finger-jointed Vertical Grain Douglas Fir veneer.
  - 1. Kiln-dried to moisture content no greater than twelve (12) percent at the time of fabrication
  - 2. Water repellent preservative treated with accordance with WDMA I.S.4
- B. Sash exterior aluminum clad with 0.050" (1.3mm) thick extruded aluminum
- C. Sash thickness: 1 5/8" (41mm) and 1 7/8" (48mm) for full frame units.
- D. Stiles and Rails: 2 1/16" (52mm)
- E. Sash Option: Optional tall bottom rail: 3 9/16" (90mm)
- F. Interior Sash Sticking
  - 1. Standard is: Ogee
  - 2. Optional: Square Sticking and Ovolo profile

## 2.4 Glazing

- A. Select quality complying with ASTM C 1036. Insulating glass SIGMA/IGCC certified to performance level CBA when tested in accordance with ASTM E 2190
- B. Glazing method: Insulating glass, consisting of inboard lite of laminated glass. Exterior glass is standard annealed glass with optional tempered glass available
- C. Glazing seal: Silicone bedding at interior and exterior
- D. Insulating glass will be altitude adjusted with capillary tubes for higher elevations. Argon gas is not available for elevations that require capillary tubes
- E. Glass Type: Clear, Bronze, Gray, Reflective Bronze, Tempered, Obscure, Laminated, Low E2 with or without Argon, Low E3 with or without Argon, Low E1 with or without Argon



## 2.5 Finish

- A. Exterior: Aluminum clad. Fluoropolymer modified acrylic topcoat applied over primer. Meets or exceeds AAMA 2605 requirements.
  - 1. Aluminum clad color options: Bahama Brown, Bronze, Cadet Gray, Cascade Blue, Cashmere, Clay, Coconut Cream, Ebony, Evergreen, Gunmetal, Hampton Sage, Pebble Gray, Sierra White, Stone White, Suede, Wineberry, Bright Silver (pearlescent), Copper (pearlescent), Liberty Bronze (pearlescent)
  - 2. Custom colors: Contact your Marvin representative
- B. Interior Finish options:
  - 1. Prime: Factory-applied enamel primer. Available on Pine product only.
  - 2. Painted Interior Finish. Available on Pine product only.
  - 3. Factory-applied water-borne acrylic enamel clear coat. Applied on two coats with light sanding between coats. Available on Pine, Mahogany, Mixed Grain Douglas Fir, Vertical Grain Douglas Fir, Cherry, White Oak.
  - 4. Factory-applied water-borne urethane stain. Stain applied over a wood (stain) conditioner. A water-borne acrylic enamel clear coat applied in two separate coats, with light sanding between coats, applied over the stain. Available on Pine, Mahogany, Mixed Grain Douglas Fir, Vertical Grain Douglas Fir, Cherry, White Oak. Colors available: Wheat, Honey, Hazelnut, Leather, Cabernet, and Espresso.

## 2.6 Weather Strip

- A. Weather strip at the frame is a hollow-foamed material bent around 90 degree corner to allow for seamless corner joints
  - 1. Color: Beige
- B. Sash weather strip bulb shaped glass filled material
  - 1. Color: White, beige or black

## 2.7 Jamb Extension

- A. Jamb extensions are available for various wall thickness factory-applied up to a 12 (305mm) wide
- B. Finish: Match interior frame finish

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## 2.8 Removable Grilles

- A. 3/4" by 15/32" (19mm x 12mm) wide or 1 1/8" x 15/32" (29mm x 12mm) wide – Pine only
  - 1. Pattern: Rectangular, Diamond, Custom lite layout
  - 2. Finish: Match interior sash finish

## 2.9 Simulated Divided Lites (SDL)

- A. 5/8" (16mm) wide, 7/8" (22mm) wide, 1 1/8" (29mm) wide, 1 15/16" (49mm), 2 13/32" (61mm) wide with or w/out internal spacer bar
- B. Exterior muntins: 0.055" (1.4mm) thick extruded aluminum
- C. Interior muntins: Pine, Douglas Fir, White Oak, Cherry, Mahogany, Vertical Grain Douglas Fir
- D. Muntins adhere to glass with closed-cell copolymer acrylic foam tape
- E. Sticking:
  - 1. Standard: Ogee
  - 2. Optional: Square
- F. Patterns: Rectangular, diamond, custom lite cut
- G. Finish – exterior matches exterior aluminum clad colors, interior matches' interior wood species and color

## 2.10 Grilles-Between-the-Glass (GBG)

- A. 11/16" (18mm) white contoured aluminum bar
  - 1. Exterior Colors: exterior matches exterior aluminum clad colors. The exterior GBG color is designed to best match the Marvin aluminum clad color when used with Low E glass. The use of different types of glazing may alter the exterior GBG color appearance
  - 2. Interior Colors: Stone White, Bronze, Pebble Gray, Sierra, White
- B. Optional flat aluminum spacer bar. Contact your Marvin representative.
- C. Pattern: Rectangular, Cottage, Custom lite layout

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## 2.11 Accessories and Trim

### A. Installation Accessories:

1. Factory-installed vinyl nailing/drip cap
2. Installation brackets: 6 3/8" (162mm), 9 3/8" (283mm), 15 3/8" (390mm)
3. Masonry brackets: 6" (152mm), 10" (254mm)

### B. Aluminum Extrusions:

1. Profile: Brick mold casing, flat casing, various special casing, frame expander, jamb extender, mullion cover, mullion expander, subsill, subsill end cap and lineal cap
2. Finish: Fluoropolymer modified acrylic topcoat applied over primer. Meets or exceeds AAMA 2605 requirements.
3. Available in all exterior aluminum clad colors

## Part 3 Execution

### 3.1 Examination

- A. Verification of Condition: Before installation, verify openings are plumb, square and of proper dimensions as required in Section 01 71 00. Report frame defects or unsuitable conditions to the General Contractor before proceeding.
- B. Acceptance of Condition: Beginning on installation confirms acceptance of existing conditions.

### 3.2 Installation

- A. Comply with Section 01 73 00.
- B. Assemble and install window/door unit(s) according to manufacturer's instruction and reviewed shop drawing.
- C. Install sealant and related backing materials at perimeter of unit or assembly in accordance with Section 07 92 00 Joint Sealants. Do not use expansive foam sealant.
- D. Install accessory items as required.
- E. Use finish nails to apply wood trim and mouldings.

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### 3.3 Cleaning

- A. Remove visible labels and adhesive residue according to manufacturer's instruction.
- B. Leave windows and glass in a clean condition. Final cleaning as required in Section 01 74 00.

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### 3.4 Protecting Installed Construction

- A. Comply with Section 07 76 00.
- B. Protecting windows from damage by chemicals, solvents, paint or other construction operations that may cause damage.

End of Section

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