

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

**CITY OF PORTLAND****BUILDING INSPECTION****PERMIT**

Permit Number: 100045

Please Read  
Application And  
Notes, if Any,  
Attached

This is to certify that BARTLETT CHRISTOPHER T / Glendale Construction Corp  
has permission to Replace bank of window, 3 non historical  
AT 18 TAYLOR ST CBL 057 B008001

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statutes of Maine and of the Ordinances of the City of Portland regulating the construction, maintenance and use of buildings and structures, and of the application on file in this department.

Apply to Public Works for street line and grade if nature of work requires such information.

Notification of inspection must be given and written permission procured before this building or part thereof is lathed or otherwise closed-in. 24 HOUR NOTICE IS REQUIRED.

A certificate of occupancy must be procured by owner before this building or part thereof is occupied.

PERMIT ISSUED

## OTHER REQUIRED APPROVALS

Fire Dept. CAPT. R. Douthett  
Health Dept. MAR 29 2010  
Appeal Board  
Other

Department Name

CITY OF PORTLAND

*Janne Bouke* 3/12/10  
Director - Building & Inspection Services

PENALTY FOR REMOVING THIS CARD

# City of Portland, Maine - Building or Use Permit Application

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 10-0045	Issue Date:	CBL: 057 B008001
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Location of Construction: 18 TAYLOR ST	Owner Name: BARTLETT CHRISTOPHER T	Owner Address: 16 TAYLOR ST #1	Phone:
Business Name:	Contractor Name: Glendale Construction Corp	Contractor Address: 532 Plaines Road Hollis	Phone: 2072990190
Lessee/Buyer's Name	Phone:	Permit Type: Replacement windows	Zone: R-6

Past Use: Single Family Condo	Proposed Use: Single Family Condo - Replace bank of window, 3 non-historical <i>Legal use - 6 residential condos</i>	Permit Fee: \$90.00	Cost of Work: \$6,650.00	CEO District: 2
		FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied <i>See Conditions</i>	INSPECTION: Use Group: <i>R-2</i> Type: <i>SB</i> <i>IBC-2003</i>	

Proposed Project Description: Replace bank of window, 3 non-historical	Signature: <i>(Signature)</i>	Signature: <i>(Signature)</i> <i>3/12/10</i>
PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)		
Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied		
Signature: Date:		

Permit Taken By: Ldobson	Date Applied For: 01/19/2010	Zoning Approval
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<ol style="list-style-type: none"> <li>This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.</li> <li>Building permits do not include plumbing, septic or electrical work.</li> <li>Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work..</li> </ol>	<b>Special Zone or Reviews</b> <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> <i>okul conditions</i> Date: <i>1/19/10</i>	<b>Zoning Appeal</b> <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved <input type="checkbox"/> Denied Date:	<b>Historic Preservation</b> <input type="checkbox"/> Not in District or Landmark <input type="checkbox"/> Does Not Require Review <input type="checkbox"/> Requires Review <input type="checkbox"/> Approved <input checked="" type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Date: <i>2/25/10</i> <i>SPH</i>
	<div style="border: 2px solid red; padding: 10px; text-align: center;"> <b>PERMIT ISSUED</b>  <div style="border: 1px solid red; padding: 5px; display: inline-block;">MAR 29 2010</div>  <b>CITY OF PORTLAND</b> </div>		

## CERTIFICATION

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE		DATE	PHONE



**City of Portland, Maine - Building or Use Permit**

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No:	Date Applied For:	CBL:
10-0045	01/19/2010	057 B008001

Location of Construction: 18 TAYLOR ST	Owner Name: BARTLETT CHRISTOPHER T	Owner Address: 16 TAYLOR ST #1	Phone:
Business Name:	Contractor Name: Glendale Construction Corp	Contractor Address: 532 Plaines Road Hollis	Phone: (207) 299-0190
Lessee/Buyer's Name	Phone:	Permit Type: Replacement windows	

Proposed Use: Single Family Condo - Replace bank of windows, 3	Proposed Project Description: Replace bank of windows, 3
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**Dept:** Historic      **Status:** Approved with Conditions      **Reviewer:** Scott Hanson      **Approval Date:** 02/25/2010**Note:** 1-22 Went to look at windows in question. Clearly visible from the public way. HP review and approval required.      **Ok to Issue:** ☒

1-26 Spoke with contractor at length about review requirements. He will be getting back in touch with the condo association to tell them that vinyl windows are not an option for visible locations and will set up a meeting on-site with himself, the condo board and me to discuss an appropriate approach. Permit is "on hold" here in planning until an application for a certificate of appropriateness for this project is received, reviewed, and approved.

- 1) Approval is for TrimLine, UltraFit, sash & track replacement units, 2 over 1, simulated divided lite with a 7/8" muntin. Front & bay windows will be painted the same color as the side windows. If the side windows are clad with aluminum, the front & bay windows will be painted the same color as the cladding. They will be all wood sash and track units in the openings on the front facade and the two side elevations as far back as (and including) the bay windows, with matching aluminum clad sash and track units for the remainder of the building, except the three opening with structural issues on the left wall behind the bay window, which will require full-unit replacement (including new frames), again to match the others.

**Dept:** Zoning      **Status:** Approved with Conditions      **Reviewer:** Ann Machado      **Approval Date:** 01/19/2010**Note:**      **Ok to Issue:** ☒

- 1) ANY exterior work requires a separate review and approval thru Historic Preservation. This property is located within an Historic District.
- 2) This property shall remain as six residential condominiums. Any change of use shall require a separate permit application for review and approval.
- 3) This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work.

**Dept:** Building      **Status:** Approved with Conditions      **Reviewer:** Jeanine Bourke      **Approval Date:** 03/12/2010**Note:**      **Ok to Issue:** ☒

- 1) Separate permits are required for any electrical, plumbing, sprinkler, fire alarm or HVAC or exhaust systems. Separate plans may need to be submitted for approval as a part of this process.
- 2) Application approval based upon information provided by applicant. Any deviation from approved plans requires separate review and approval prior to work. If structural work required, a plan shall be submitted for review.

**Dept:** Fire      **Status:** Approved with Conditions      **Reviewer:** Capt Keith Gautreau      **Approval Date:** 02/26/2010**Note:**      **Ok to Issue:** ☒

- 1) The entire structure shall comply with NFPA 101 "Existing Apartments"  
Compliance shall be insured prior to the issuance of a Certificate of Occupancy.
- 2) All construction shall comply with NFPA 1 and 101.

<b>Location of Construction:</b> 18 TAYLOR ST	<b>Owner Name:</b> BARTLETT CHRISTOPHER T	<b>Owner Address:</b> 16 TAYLOR ST #1	<b>Phone:</b>
<b>Business Name:</b>	<b>Contractor Name:</b> Glendale Construction Corp	<b>Contractor Address:</b> 532 Plaines Road Hollis	<b>Phone</b> (207) 299-0190
<b>Lessee/Buyer's Name</b>	<b>Phone:</b>	<b>Permit Type:</b> Replacement windows	

**Comments:**

3/1/2010-jmb: Received a call back on 2/26 for requested email, so I sent Shepard one today. He replied with a drawing and scope of work.

2/25/2010-gg: received from historic as of 02/25/10. /gg

2/26/2010-jmb: Left vcmmsg for Shepard B. As I am confused as to where the windows are being replaced, the photos are not clear. Also it seems like there is more work than just window replacement, the wall is bowing, there may be structural changes.

3/12/2010-jmb: Shephard emailed and called inquiring on the approval status, we reviewed the information, ok to issue



## **BUILDING PERMIT INSPECTION PROCEDURES**

**Please call 874-8703 or 874-8693 (ONLY )**

**or email: [buildinginspections@portlandmaine.gov](mailto:buildinginspections@portlandmaine.gov)**

With the issuance of this permit, the owner, builder or their designee is required to provide adequate notice to the City of Portland Inspection Services for the following inspections. Appointments must be requested 48 to 72 hours in advance of the required inspection. The inspection date will need to be confirmed by this office.

- **Please read the conditions of approval that is attached to this permit!! Contact this office if you have any questions.**
- **Permits expire in 6 months, if the project is not started or ceases for 6 months.**
- **If the inspection requirements are not followed as stated below additional fees may be incurred due to the issuance of a "Stop Work Order" and subsequent release to continue with construction.**

  X   **Framing/Rough Plumbing/Electrical: Prior to Any Insulating or drywalling**

  X   **Final inspection required at completion of work.**

**The project cannot move to the next phase prior to the required inspection and approval to continue, REGARDLESS OF THE NOTICE OR CIRCUMSTANCES.**

**IF THE PERMIT REQUIRES A CERTIFICATE OF OCCUPANCY, IT MUST BE PAID FOR AND ISSUED TO THE OWNER OR DESIGNEE BEFORE THE SPACE MAY BE OCCUPIED.**



# General Building Permit Application

Location/Address of Construction: <u>18 Taylor St, Unit 1 Portland 04102</u>		
Total Square Footage of Proposed Structure/Area <u>8</u>		Square Footage of Lot
Tax Assessor's Chart, Block & Lot Chart# <u>57</u> Block# <u>B</u> Lot# <u>8</u>		Applicant *must be owner, Lessee or Buyer* Name <u>Glende Corp.</u> Address City, State & Zip
Telephone: <u>207-229-0190</u>		
Lessee/DBA (If Applicable)	Owner (if different from Applicant) Name <u>Christopher Bortlett</u> Address <u>18 Taylor St #1</u> City, State & Zip <u>Portland 04102</u>	Cost Of Work: <u>\$6,650.00</u> C of O Fee: \$ Total Fee: \$
Current legal use (i.e. single family) <u>Single fam</u>		
If vacant, what was the previous use? <u>n/a</u>		
Proposed Specific use: <u>Single fam</u>		
Is property part of a subdivision? <u>CONDO</u> If yes, please name		
Project description: <u>Replace Bank of windows, 3, non-historical.</u>		
Contractor's name: <u>Glende Corp</u>		
Address: <u>532 Plains Rd</u>		
City, State & Zip <u>Hollis, ME 04042</u>		Telephone:
Who should we contact when the permit is ready: <u>Shepard Bosworth</u>		Telephone: <u>207 229-0190</u>
Mailing address: <u>Same</u>		

Please submit all of the information outlined on the applicable Checklist. Failure to do so will result in the automatic denial of your permit.

In order to be sure the City fully understands the full scope of the project, the Planning and Development Department may request additional information prior to the issuance of a permit. For further information or to download copies of this form and other applications visit the Inspections Division on-line at [www.portlandmaine.gov](http://www.portlandmaine.gov), or stop by the Inspections Division office, room 315 City Hall or call 874-8703.

I hereby certify that I am the Owner of record of the named property, or that the owner of record authorizes the proposed work and that I have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the Code Official's authorized representative shall have the authority to enter all areas covered by this permit at any reasonable hour to enforce the provisions of the codes applicable to this permit.

Signature: [Signature] Date:

This is not a permit; you may not commence ANY work until the permit is issued.



Glendale Corp  
532 Plains Rd  
Hollis, ME 04042  
Office: (207) 229-0190  
[www.glendalecorp.com](http://www.glendalecorp.com)

## **Wall Remodel Overview**

### **Permit**

- We will provide all sketches and info the city requires for obtaining permit, and facilitating the permit process.
- The permit will be in the name of the Owner.

### **Scope:**

- Demo existing interior wall covering to expose wall structure.
- Assess cause of the bow to the existing bank of windows.
- Remove windows and all necessary wiring/plumbing/heating to facilitate remedial framing.
- Remedial framing.
- Install new window units.
- If necessary, re-clad exterior of affected area with like-kind cladding furred out to a profile consistent with the adjacent exterior.
- Re-wire / Plumb / Heat.
- Insulate and drywall interior
- Interior trim and paint

### **Specifications:**

- If the wall structure requires the replacement of a carrying member we will solicit the input of a licensed engineer for the carrying member specifications and installation method.
- All new window units will be Energy Star rated, and conform to the condo association regulations.
- Wall cavity will be insulated with the maximum amount of insulation effective for the cavity. R-13 or R-19



**SECTION 08600**  
**POLYVINYL CHLORIDE (PVC) WINDOWS**  
**Paradigm Window Solutions**  
**8321 Premium Double Hung Window**

**PART 1 – GENERAL**

1.1 **APPLICABLE PUBLICATIONS:** The publications listed below form a part of this specification to the extent referenced. The publications are referred to in text by basic designation only.

1.1.1 **Federal Specifications (Fed. Spec.):**

L-S-125B	Screening, Non-metallic, Insect
DD-G-45-1D	Glass, Float or Plate, Sheet

1.1.2 **American Architectural Manufacturers Association (AAMA):**

AAMA 101 I.S.2-97	Voluntary Specification for Aluminum, PVC, and Wood Windows and Glass Doors
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Test method for rate of Air Leakage through Exterior windows, Curtain walls and doors (ASTM E283)

Test method for Structural Performance of Exterior Windows, Curtain walls and doors (ASTM E330)

Test method for Water Penetration of Exterior windows, Curtain walls and doors by Uniform Static Air Pressure Difference (ASTM E547)

Specifications for Sealed Insulating Glass Units (ASTM E774)

AAMA 1503-98	Voluntary test method for Condensation Resistance of Windows, Doors, and Glazed wall sections
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AAMA 615-02	Voluntary Specification, Performance Requirements, and Test Procedures for Superior Performing Organic Coatings on Plastic Profiles
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NFRC 100-97	Procedure for Determining Fenestration Product U-factors
NFRC 200-97	Procedure for Determining Fenestration Product Solar Heat Gain Coefficients
NFRC 400-01	Procedure for Determining Fenestration Product Air Leakage

1.1.3 **AAMA Certification Program for Vinyl Window Manufacturers**

1.2 **SUBMITTALS:** Submit to Contracting Officer for Approval.

1.2.1 **Certified Test Reports:** Submit for air infiltration, water resistance, and uniform loading in accordance with the above referenced specification.

1.2.2 **Catalog Data:** Shall describe each type of window, hardware, fastener, accessory, operator, screen, and finish. (as applicable)

1.2.3 **Certification of Compliance:** Submit certificates that equivalent windows have been successfully tested and meet the requirements specified herein for air infiltration and water penetration.

1.3 **DELIVERY AND STORAGE:** Deliver windows to project site in an undamaged condition. Use care in handling and hoisting during transportation and at the job site. Store windows and components out of contact with the ground, under cover, protected from the weather, so as to prevent damage to the windows. Damaged windows shall be repaired to an "as new" condition or replaced as approved.

1.4 **PROTECTION:** Finished surfaces shall be protected during shipping and handling using manufacturers standard method.

- 1.5 **CERTIFICATION:** Window units shall be tested and certified for performance with the above referenced test methods. All window units shall be labeled certifying conformance with AAMA 101 I.S.2-97 , NFRC 100-97, and Energy Star.
- 1.6 **CERTIFIED FABRICATOR:** Windows shall be fabricated by an AAMA Certified Fabricator.
- 1.7 **WARRANTIES:**
- 1.7.1 Windows shall be fully warranted against any defects in material or workmanship under normal use and service for a period of 20 years from date of acceptance on commercial projects and lifetime warranty to original homeowner on residential projects. 5 years factory labor included.
- 1.7.2 Optional factory-applied exterior paint finish shall be warranted to the original purchaser against adhesive failure, peeling, cracking, or blistering for a period of 10 years when exposed to normal weather conditions. Color retention shall be warranted for the same period to be less than 5 Delta E per ASTM D2244. Change in gloss is not considered a defect.
- 1.7.3 Insulated Glass Units shall be fully warranted against visual obstruction resulting from film formation or moisture collection between the interior glass surface, excluding breakage, for a period of 20 years from date of acceptance on commercial projects and lifetime warranty to original homeowner on residential projects. 5 years factory labor included.
- 1.7.4 Contractor shall provide a written service warranty that clearly spells out how requests for service shall be handled, by whom, under whose responsibility and shall include the time frame for handling these service requests. A labor warranty providing service on the windows shall cover a period of not less than 10 years, and shall be provided in writing. A copy of the product and labor warranty must accompany other applicable warranties and be presented with bid.
- 1.8 **PERFORMANCE REQUIREMENTS:**
- 1.8.1 Glazing options to suit specific thermal, visual, or acoustic requirements are available.
- 1.8.2 Test for air infiltration shall be in accordance with AAMA/NWWDA 101/I.S.2-97 and NFRC 400-01. Test results for different window sizes appear below. Test data subject to change without notice.
- 1.8.3 Test for water infiltration shall be in accordance with AAMA 101 I.S.2-97. Test results for different window sizes appear below. Test data subject to change without notice.
- 1.8.4 Uniform Structural Load Test shall be in accordance with AAMA 101 I.S.2-97. Test results for different window sizes appear below. Test data subject to change without notice.

Type	Rating (DP)	Max. Structural Test Pressure <sub>1</sub>	Water Infiltration <sub>2</sub>	Air Infiltration <sub>3</sub>	Size Tested
H	C50	75	7.50	0.05	44 X 72
H	R40	90	6.00	0.07	36 X 60
H	R40	60	6.00	0.11	80 X 80 twin
H	C30	45	5.25	0.01	54 X 90

<sub>1</sub>Structural Test Pressure (psf) tested to at least 150% of DP rating

<sub>2</sub>Water Infiltration (psf) tested to at least 15% of DP rating

<sub>3</sub>Air Infiltration units are scfm/ft<sup>2</sup>

- 1.8.5 Test for Thermal Performance shall be in accordance with NFRC 100-97. Test data subject to change without notice.

- 1.8.6 Test for Condensation Resistance Factor (CRF) shall be in accordance with AAMA 1503-98. Test data subject to change without notice.

## PART 2 – PRODUCTS

- 2.1 MANUFACTURER: Paradigm Premium Double Hung Window as manufactured by **Paradigm Window Solutions**, 400 Riverside Industrial Parkway, Portland, ME 04103
- 2.2 MATERIALS: Windows shall conform to the requirements of specifications listed above. Provide windows of combinations, types and sizes indicated or specified.
- 2.2.1 Extruded PVC components produced from commercial quality virgin PVC (unplasticised polyvinyl chloride), conforms to AAMA 303 from sections in one piece, straight, true and smooth. Provide multi-chambered PVC extruded frames and sash in accordance with the manufacturers standard practice. Make fusion welded frame joints strong enough to develop full strength of members, with an external wall thickness of .070 ". Head and jamb members shall have integral screen stops. Make interior horizontal top surfaces of both meeting rails flat and in the same plane. Meeting rails have an integral interlock with two lines of pile weatherstrip provided. Upper and lower sash shall have the same glass size. Sash shall have fusion welded mitered corners with an external wall thickness of .070".
- 2.2.2 Balance Mechanism (DH): Provide two 3/4" stainless steel, constant force coil spring balances for each sash. Enclose balance springs in rustproof cases, with jamb liner covers, from the top of the bottom sash to the head of the window unit. Balance covers shall be finished to match window frame finish and easily removable for field service. Balances shall also have an interlocking pivot bar, for integral frame alignment with sash for keeping window frames straight and true during installation.
- 2.2.3 Locking Device (DH): Provide each window over 32 inches in width with two cam-action sweep sash Locks, and windows under 30" in width with one lock . The lower sash shall have one continuous, integral lift rail at the bottom of the sash. The upper sash shall have a continuous, integral pull-down member on the sash top rail. Provide two tilt latches in the top of each sash for tilting in sash for cleaning. The tilt latches shall be integrally mortised into the sash top rails for a clean appearance.
- 2.2.4 Glass and Glazing: Glass shall conform to DD-G-451 and not less than "B" quality. Factory glazed ¾" insulating glass conforming to ASTM-E-774, with Truseal Duraseal seal spacer, manufactured by TruSeal Industries Inc., Cleveland, OH. Glazing shall be integral glazing type system with architectural back bedded glazing tape and designed to maintain a watertight seal between glass and sash frame. Non-standard glass options will have metal box-type spacer with dual seal system.
- 2.2.5 Factory-applied exterior paint finish to be Royal Spectra-Coat™ as manufactured by Royal Bond Co., Ontario, Canada. Finish may be provided in 24 standard colors, satin finish only, on exterior surfaces as determined by the factory. Finish shall meet the performance requirements specified by AAMA 615-02. *NOTE TO SPECIFIER: Remove this section if not applicable.*
- 2.2.6 Weather-stripping: All sash units shall be triple weather-stripped where the sash meet the jamb using silicone treated pile with a mylar center fin bonded to backing.
- 2.2.7 Insect Screening: Fed. Spec. L-S-125, Type II, Class 2 (plastic coated or impregnated fibrous glass yarn) of standard color as approved, mesh 18 X 16.
- 2.3 FABRICATION
- 2.3.1 Weathering Surfaces: All frame members shall be multi-chambered PVC extrusions utilizing double wall design without the need for reinforcement. Frame corners shall be fusion welded. Sash members shall be multi-chambered PVC extrusions utilizing double wall design at all glazing locations. Horizontal sash members shall be mitered and fusion welded to vertical sash members.
- 2.3.2 Drips and Weep Holes: Provided as required to return water to the outside.
- 2.3.3 Glazing Thickness: Design glazed windows and rabbets suitable for glass thickness specified above.
- 2.3.4 Fasteners: All fasteners are to be stainless steel type, corrosion resistance. Use flathead, cross-recessed type, exposed head screws with standard threads on windows, trim, and accessories. Screw heads shall finish flush with adjoining



surfaces. Self-tapping sheet metal screws are not acceptable for material more than 1/16 inch in thickness. All sheetmetal screw fasteners shall penetrate into a screw boss consisting of at least three layers of PVC profile for secure fastening and reduce pull out.

- 2.3.5 Provisions for Glazing: Design sash for outside double-glazing and for securing glass with manufacturer's standard glazing systems. Provide glazing channels of adequate size and depth to receive and properly support the glass and glazing accessories.
- 2.3.6 Factory Mulls: Factory mulls to be fully reinforced with extruded aluminum I-beam reinforcement of 6005-T5 alloy and assembled utilizing interior and exterior "U" channels and proprietary sealant application patterns. Reinforcement to be further attached to window frames with .080" x 1.375" x 12" stainless steel straps and appropriate stainless steel fasteners. *NOTE TO SPECIFIER Remove this section if not applicable*
- 2.3.7 Accessories: Provide windows complete with necessary hardware, fastenings, clips, fins, anchors, glazing beads, and other appurtenances necessary for complete installation and proper operation.
- 2.3.8 Type 908 Brick Mould Casing: Co-extruded flex-fin' durometer weatherstrip to provide a seal between the casing and the window frame without the use of surface applied caulking. Offset design of casing to 'hide' beveled surface of screen track and provide a traditional 'stepped' appearance relative to the window frame. The extrusion shall consist of multiple chambers with a 1 7/8 " extruded nailing fin and 1 " by 1 " integral J channel with an exterior wall thickness minimum of 0.075 ". All welded joints shall be aesthetically cleaned of weld flash material. The nominal overall dimension of the 908 brick mould Casing is 2 1/4 " by 1 5/8 ". Optional exterior color finish may be applied to match or complement the exterior color of the window. *NOTE TO SPECIFIER. Remove this section if not applicable.*
- 2.3.9 Five Inch Brick Mould Casing: Co-extruded flex-fin' durometer weatherstrip to provide a seal between the casing and the window frame without the use of surface applied caulking. Offset design of casing to 'hide' beveled surface of screen track and provide a traditional 'stepped' appearance relative to the window frame. The extrusion shall consist of multiple chambers with a 1 7/8 " extruded nailing fin and 1 " by 1 " integral J channel with an exterior wall thickness minimum of 0.075 ". All welded joints shall be aesthetically cleaned of weld flash material. The nominal overall dimension of the brick mould casing is 5 " by 1 5/8 ". Optional exterior color finish may be applied to match or complement the exterior color of the window. *NOTE TO SPECIFIER: Remove this section if not applicable*
- 2.3.10 Flat Casing: Co-extruded flex-fin' durometer weatherstrip to provide a seal between the casing and the window frame without the use of surface applied caulking. Offset design of casing to 'hide' beveled surface of screen track and provide a traditional 'stepped' appearance relative to the window frame. The extrusion shall consist of multiple chambers with a 1 7/8 " extruded nailing fin and 1 " by 1 " integral J channel with an exterior wall thickness minimum of 0.075 ". All welded joints shall be aesthetically cleaned of weld flash material. The nominal overall dimension of the casing is 3 1/2 " by 1 3/8 ". Optional exterior color finish may be applied to match or complement the exterior color of the window. *NOTE TO SPECIFIER: Remove this section if not applicable.*
- 2.3.11 Sill Nose: Co-extruded flex-fin' durometer weatherstrip to provide a seal between the casing and the window frame without the use of surface applied caulking. The extrusion shall consist of multiple chambers with a 1 1/4 " extruded nailing fin and 1 " by 3/4 " integral J channel. Exterior wall thickness shall be a minimum of 0.075 ". A color-matched end cap shall be installed at both ends. Optional exterior color finish may be applied to match or complement the exterior color of the window. *NOTE TO SPECIFIER: Remove this section if not applicable.*
- 2.3.12 Jamb Extension: *NOTE TO SPECIFIER Remove this section if not applicable.*
  - 2.3.12.1.1 Clear pine
  - 2.3.12.1.2 Primed finger-jointed pine
  - 2.3.12.1.3 Premium oak
  - 2.3.12.1.4 Azek cellular pvc (white)
- 2.3.13 Grill options to be verified by manufacturer. *NOTE TO SPECIFIER. Remove this section if not applicable.*
  - 2.3.13.1.1 Grill Patterns: Refer to Drawings.
  - 2.3.13.1.2 Rectangular internal grids
  - 2.3.13.1.3 Contour internal grids
  - 2.3.13.1.4 Simulated divided lites.
- 2.3.14 Weather-stripping: Provide for ventilating sections of all windows to insure a weathertight seal meeting the infiltration tests specified herein. Use easily replaceable factory applied weather-stripping of manufacturer's stock type, as

specified above. Use EPDM covered open cell foam weatherstrip for compression contact between the sill and the sash. For sliding surfaces, use silicone treated pile, with a mylar center fin bonded to a plastic-backing strip.

- 2.3.15 Screens: Provide one insect screen for each operable ventilating unit. Design screens to fit closely around entire perimeter of each ventilator or opening, to be rewirable, easily removable from inside building, and interchangeable for same size ventilators of similar type windows, with no exposed fasteners and latches. Provide all guides, stops, clips, bolts and screws as necessary, for a secure and insect tight attachment to window. Provide continuous extruded aluminum screen frame for screen strength.
- 2.3.15.1 Screen Frames: Provide same quality and color finish as the window units. Frames shall have extruded sections not less than .4375" by 1.25" by 0.050" thick and shall have removable vinyl splines. Hardware, attachment devices, and accessories shall be manufacturer's standard and of same quality, material and finish as hardware of window unit. Painted windows to have full screens only.
- 2.3.15.2 Screening: Install screening with weave parallel to frame and stretch sufficiently to present a smooth appearance. Conceal edges of screening in the spline channel.
- 2.3.15.3 Screen Finish: Exposed surfaces of aluminum extrusions shall be thoroughly cleaned, primed and given a finish in accordance with AAMA 603.8 with total dry thickness not less than 0.8mil. The finish color shall match the vinyl window.

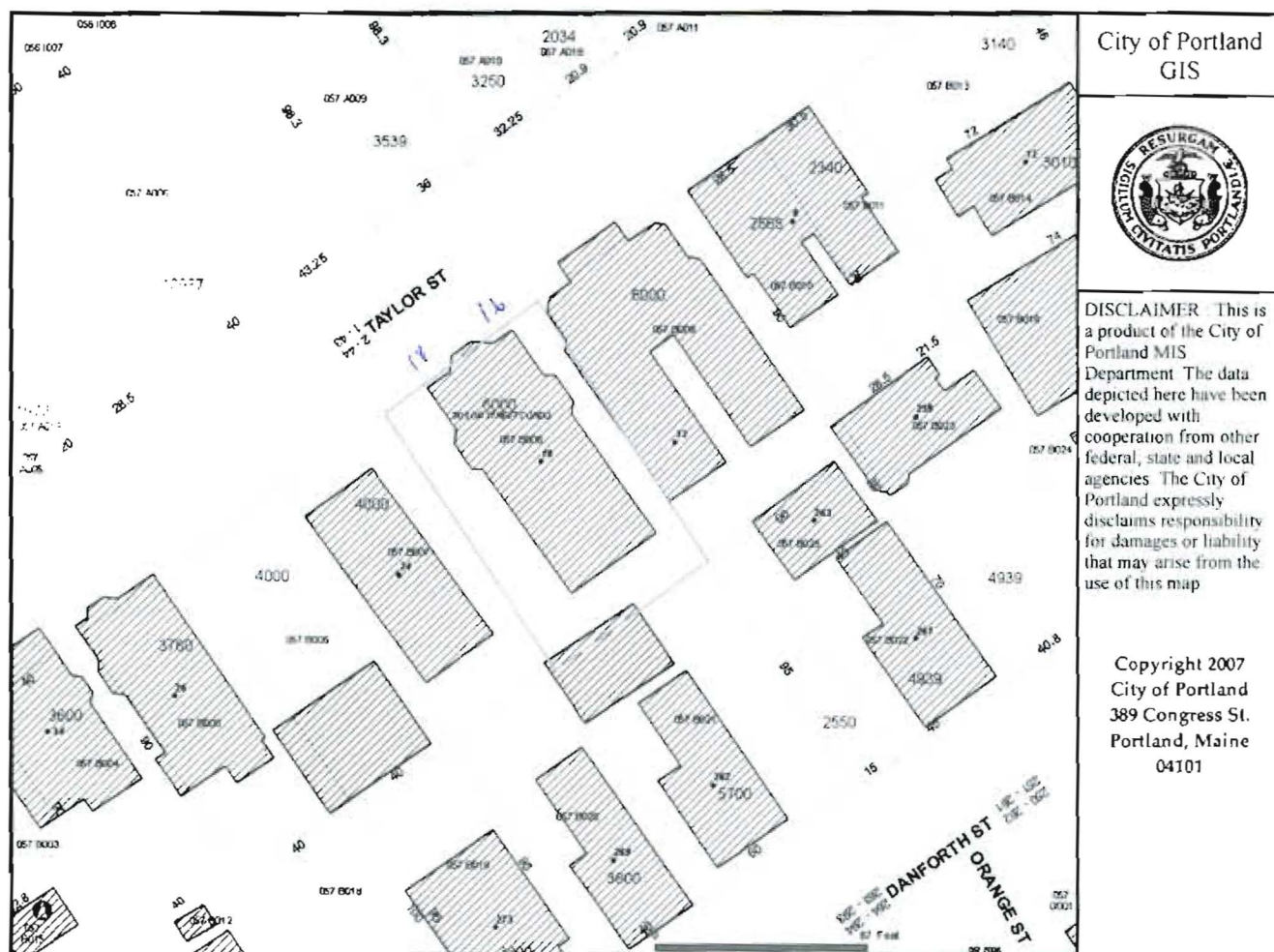
### PART 3 – EXECUTION

#### 3.1 INSTALLATION

- 3.1.1 Method of Installation: Install in strict accordance with the window manufacturer's printed instructions and details, except as specified otherwise herein. Install windows without forcing into prepared window openings. Insulate perimeter of window frame with acceptable approved insulation material, as recommended by window manufacturer. Set windows at proper elevation, location, and reveal; plumb, square, level, and in alignment; and brace, strut, and stay properly to prevent distortion and misalignment. Protect ventilators and operating parts against accumulation of dirt, and building materials by keeping ventilators tightly closed and locked to frame. Bed screws in joints at mullions, contacts of windows with sills, built in fins, and sub-frames in approved sealant. Install windows in a manner that will prevent entrance of water. For replacement window installations, provide sill angle flashed in sealant at windowsills.
  - 3.1.2 Anchors and Fasteners: Make ample provision for securing units to each other, and to adjoining construction.
  - 3.1.3 Adjustments after Installation: After installation of windows adjust all ventilators and hardware to operate smoothly and to provide weathertight sealing when ventilators are closed and locked. Lubricate hardware and operating parts as necessary.
  - 3.1.4 Protection: Where surfaces are in contact with, or fastened to wood, or dissimilar materials, the surface shall be protected from dissimilar materials as recommended by the manufacturer. Surfaces in contact with sealant after installation shall not be coated with any type of protective material.
- 3.2 CLEANING: Clean interior and exterior of window units of mortar, plaster, paint spattering spots, sealants, and other foreign matter to present a neat clean appearance and to prevent fouling of weather-stripping surfaces and weather-stripping, exterior finish, and to prevent interference with the operation of hardware. Replace with new windows all stained, discolored, or abraded windows that can not be restored to their original condition.

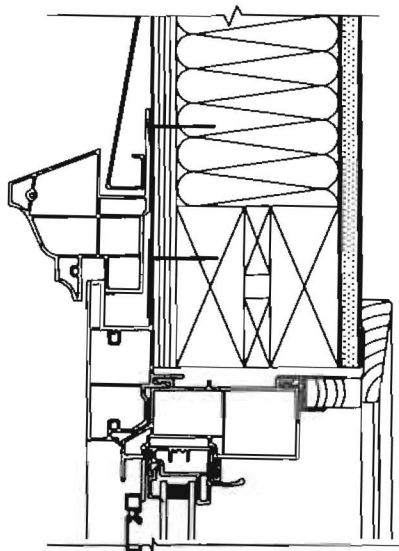
END OF SECTION



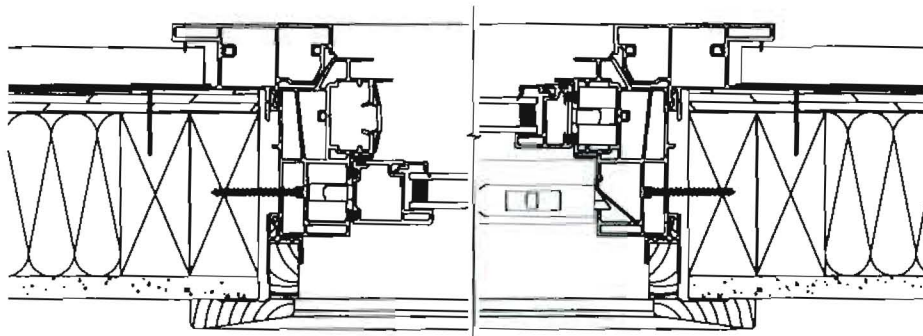
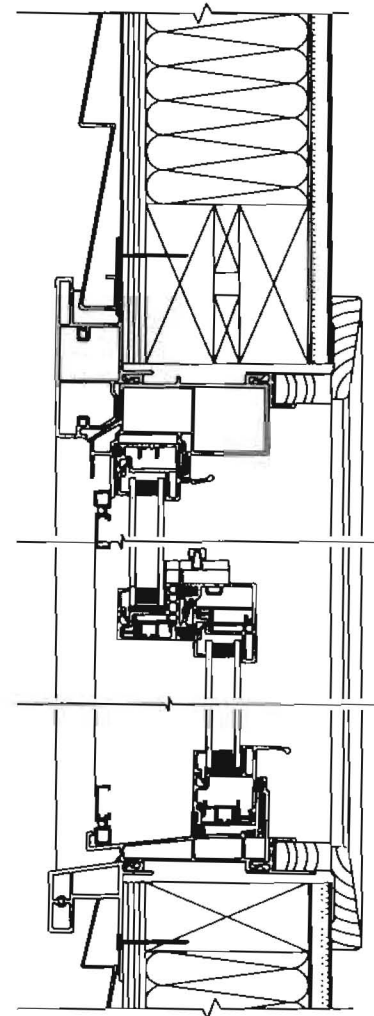



16-18 Taylor. 57-B-028.



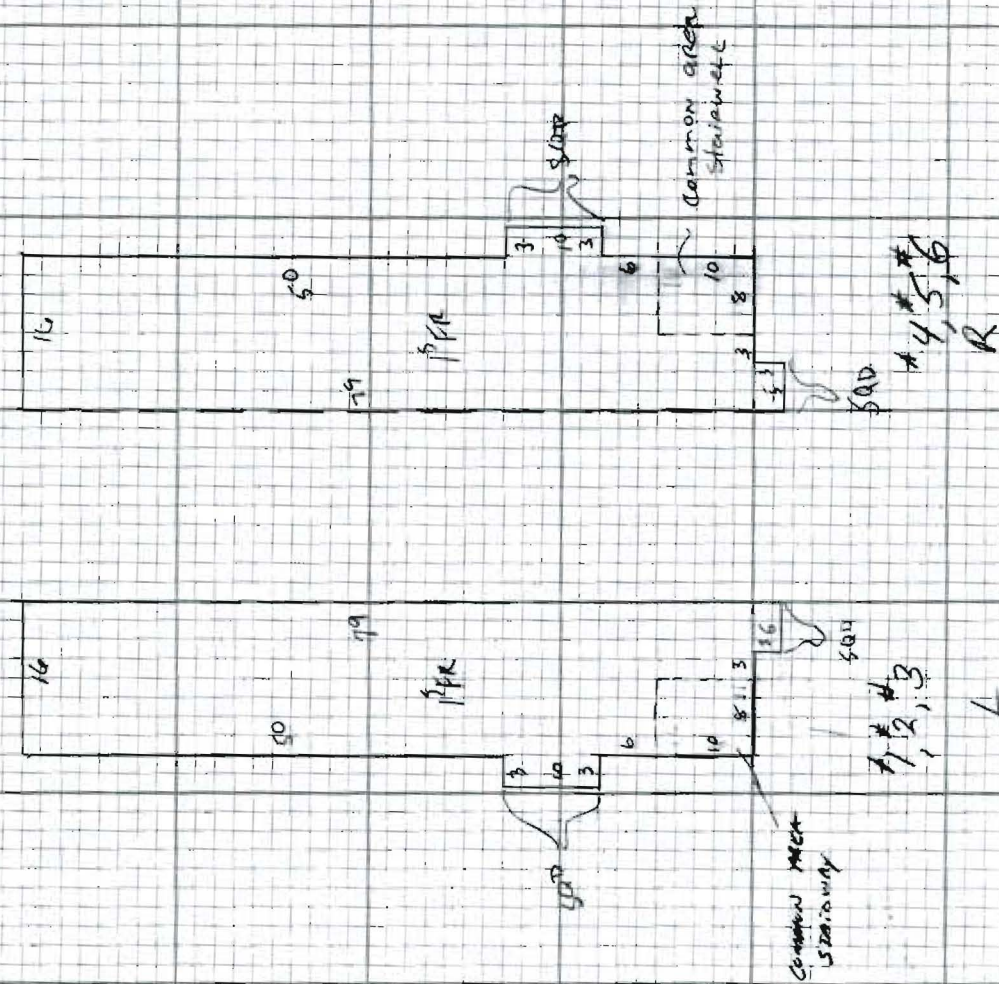


CROWN MOLD ACCESSORY  
(AVAILABLE SEPARATELY)



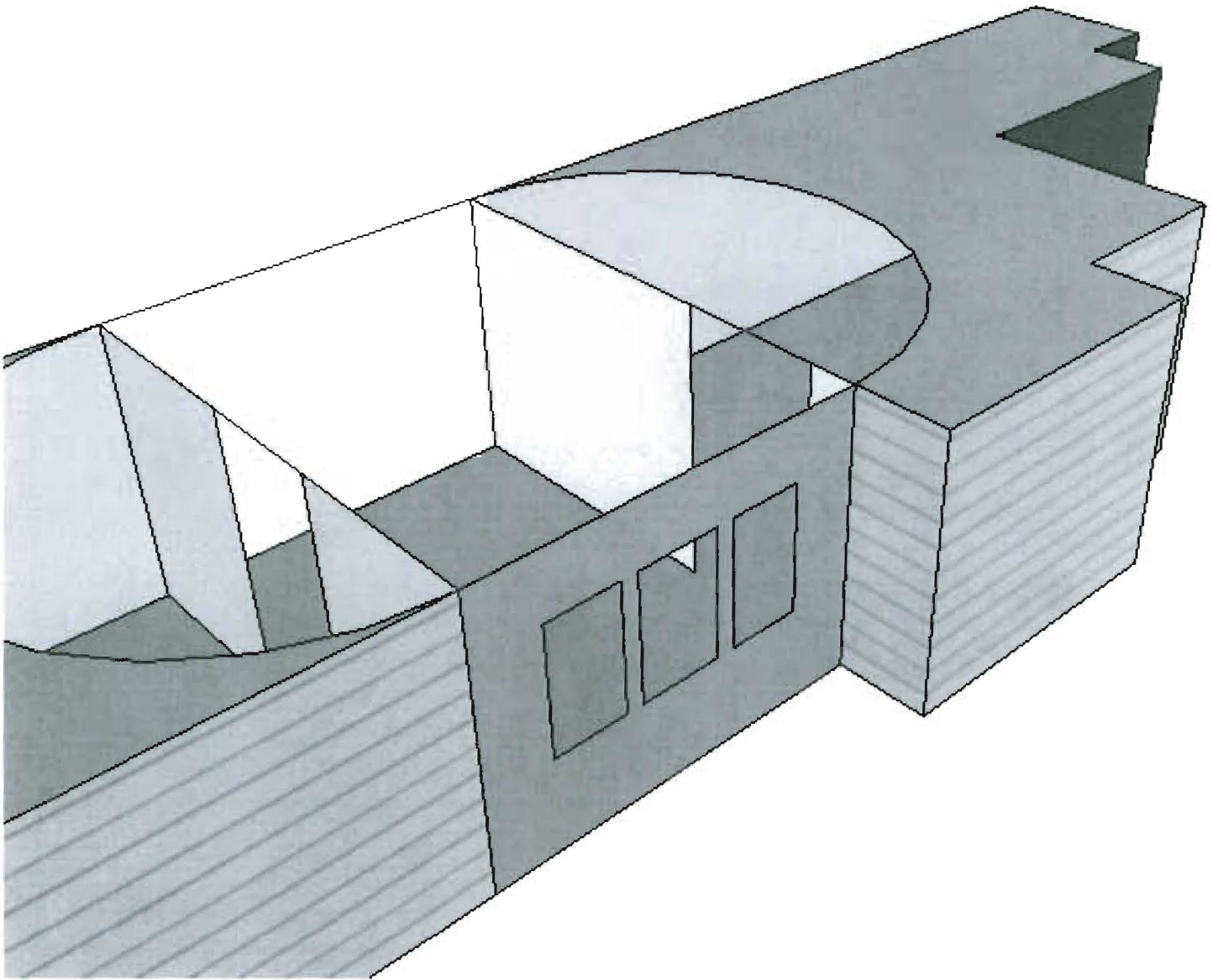
<b>Title/Description:</b> Premium Double Hung Offset Flat Casing (3-1/2") w/Sill Nose Vinyl/Wood Siding	<b>Product Series #:</b> Series 8321 <b>Scale:</b> 3" = 1' 0"	 Window Solutions For Life. 400 Riverside Industrial Parkway PO Box 10109 Portland ME, 04104 Tel. 207-878-9701 ; Fax 207-797-6156 <a href="http://www.paradigmwindows.com">www.paradigmwindows.com</a>	Page 3.6
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off-white



1181 # MSR D











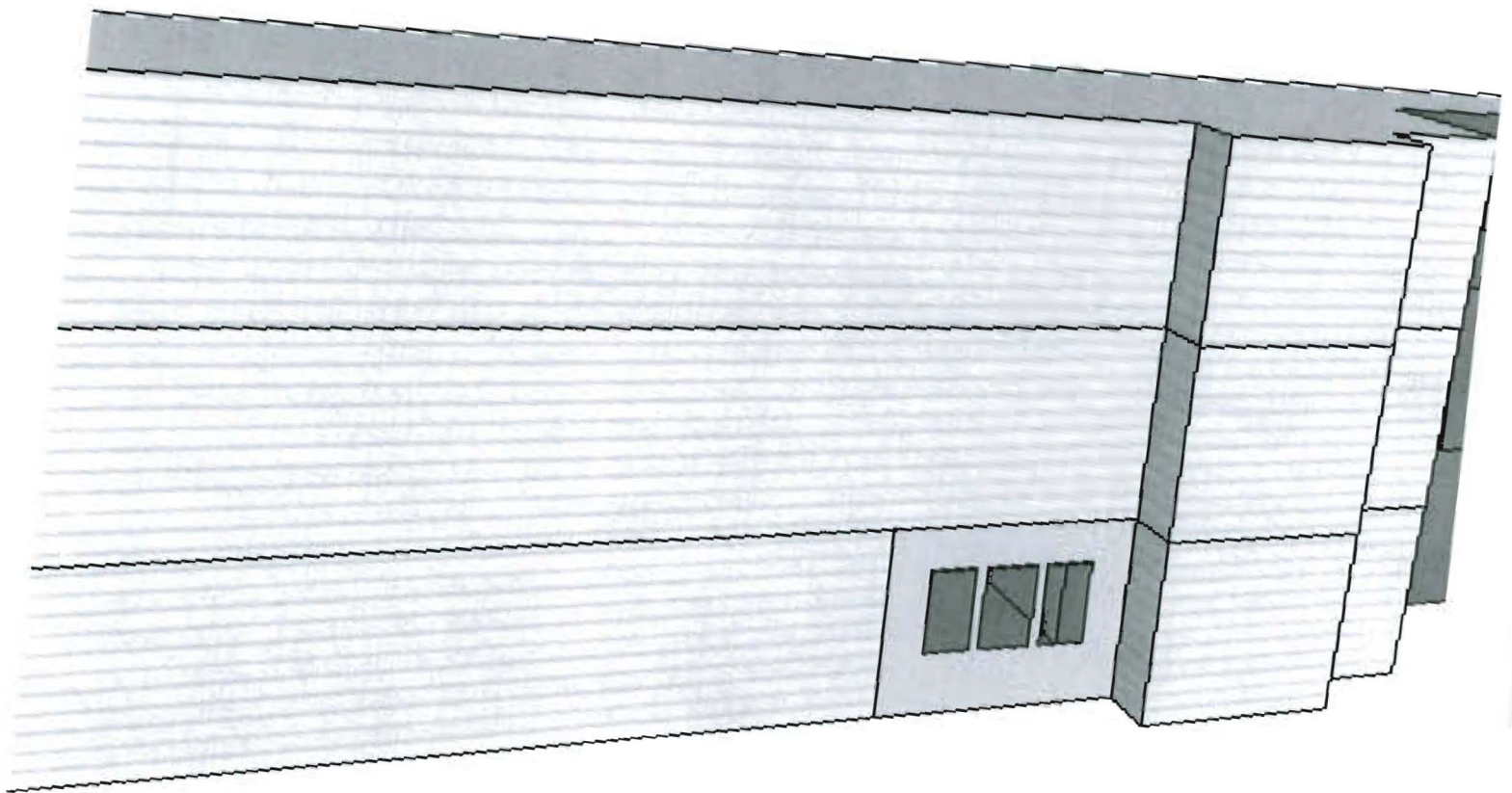




















## Residential Additions/Alterations Permit Application Checklist

The Maine Home Construction Contracts Act requires that any home construction or repair work for more than \$3000. in materials or labor must be based on a written contract unless the parties agree to exempt themselves. A sample contract is available on the City's website at [www.portlandmaine.gov](http://www.portlandmaine.gov), in the Inspection Office, Room 315 of Portland City Hall or call (207)874-8703 to have one mailed to you.

One (1) complete set of construction drawings must include:

- ☒ Cross sections w/framing details
- ☒ Floor plans and elevations existing & proposed
- ☒ Detail removal of all partitions & any new structural beams
- ☒ Detail any new walls or permanent partitions
- ☐ ~~Stair details~~ including dimensions of: rise/run, head room, guards/handrails, baluster spacing
- ☒ Window and door schedules
- ☐ ~~Foundation~~ plans w/required drainage and damp proofing (if applicable)
- ☒ Detail egress requirements and fire separation/sound transmission ratings (if applicable)
- ☒ Insulation R-factors of walls, ceilings & floors & U-factors of windows per the IECC 2003
- ☐ ~~Deck construction~~ including: pier layout, framing, fastenings, guards, stair dimensions
- ☐ ~~Reduced plans~~ or electronic files in pdf format are required if originals are larger than 11" x 17"
- ☒ Proof of ownership is required if it is inconsistent with the assessors records

Separate permits are required for internal & external plumbing, HVAC, and electrical installations.

- ☐ The shape and dimension of the lot, footprint of the existing and proposed structure and the distance from the actual property lines. Structures include decks, porches; bow windows, cantilever sections and roof overhangs, sheds, pools, garages and any other accessory structures must be shown with dimensions if not to scale.
- ☐ Location and dimensions of parking areas and driveways
- ☐ ~~A change of use may require a site plan exemption application to be filed.~~

Please submit all of the information outlined in this application checklist. If the application is incomplete, the application may be refused.

In order to be sure the City fully understands the full scope of the project, the Planning and Development Department may request additional information prior to the issuance of a permit. For further information visit us on line at [www.portlandmaine.gov](http://www.portlandmaine.gov), stop by the Building Inspection office, room 315 City Hall or call 874-8703.

Permit Fee: \$30.00 for the first \$1000.00 permit cost; \$10.00 per additional \$1000.00  
This is not a Permit; you may not commence any work until the Permit is issued.

Assessor's Office | 389 Congress Street | Portland, Maine 04101 | Room 115 | (207) 874-8486

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This page contains a detailed description of the Parcel ID you selected. Press the **New Search** button at the bottom of the screen to submit a new query.

**Current Owner Information:****Services**[Applications](#)[Doing Business](#)[Maps](#)[Tax Relief](#)[Tax Roll](#)[Q & A](#)[Browse City Services](#)[Browse Facts and Info](#)

Best viewed at  
800x600, with  
Internet Explorer

<b>CBL</b>	057 8008001
<b>Land Use Type</b>	RESIDENTIAL CONDO
<b>Property Location</b>	18 TAYLOR ST UNIT 1
<b>Owner Information</b>	BARTLETT CHRISTOPHER T 16 TAYLOR ST #1 PORTLAND ME 04102
<b>Book and Page</b>	11606/227
<b>Legal Description</b>	57-B-8 TAYLOR ST 18-20 UNIT #1 16-20 TAYLOR ST CONDO
<b>Acres</b>	0

**Current Assessed Valuation:**

<b>TAX ACCT NO.</b>	9042	<b>OWNER OF RECORD AS OF APRIL 2009</b>
<b>LAND VALUE</b>	\$30,600.00	BARTLETT CHRISTOPHER T
<b>BUILDING VALUE</b>	\$122,200.00	16 TAYLOR ST #1
<b>HOMESTEAD EXEMPTION</b>	(\$12,350.00)	PORTLAND ME 04102
<b>NET TAXABLE - REAL ESTATE</b>	\$140,450.00	
<b>TAX AMOUNT</b>	\$2,491.58	

Any information concerning tax payments should be directed to the Treasury office at 874-8490 or e-mailed.

**Building Information:**

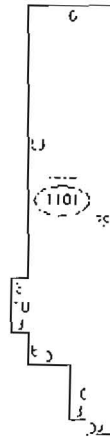
Card 1 of 1

<b>Year Built</b>	1912
<b>Style/Structure Type</b>	GARDEN END
<b># Stories</b>	1
<b>Bedrooms</b>	2
<b>Full Baths</b>	1
<b>Total Rooms</b>	5
<b>Attic</b>	NONE
<b>Basement</b>	PIER/SLAB
<b>Square Feet</b>	1181

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[View Picture](#)
**Sales Information:**

Sale Date	Type	Price	Book/Page
8/26/1994	LAND + BUILDING	\$0.00	11606/227
8/1/1994	LAND + BUILDING	\$52,000.00	11649/222

[New Search!](#)



Deviations:  
 2000  
 1101 500



**From:** "Shepard Bosworth" <glendalecorp@gmail.com>  
**To:** "Jeanie Bourke" <JMB@portlandmaine.gov>  
**Date:** 3/1/2010 3:31 PM  
**Subject:** RE: 18 Taylor  
**Attachments:** Bartlett, Chris - Modeling File Building Perspective.pdf

Hi Jeanie,

I just tried calling but did not leave a message.

See the attached file " Bartlett Chris - Modeling File, Building Perspective"

The yellow highlighted area shows where the 3 windows are, view the file from the street looking at the left & front of the building.

First floor left most unit. The 3 windows just to the rear of the bay window area.

I included a printout of assessor card with the application; the image of the white building is from the City of Portland Assessor database and yes, it does show the wrong building.

*removed from packet*

Some of the sketches show just the first floor unit but there is only one building.

We do not know what is causing the bowing, but it does not seem to be affecting the other units. Once the wall is exposed we will be able to determine this.

My hope is that the bowing is superficial, or specific to the bank of windows. But we do not assume such and included the possibility that a structural member might be required as a heads up to the city and the owner.

A remedial structural aspect will require the signature of an engineer for us to proceed whether or not it is required by the city.

We are more than happy to arrange a visit from the inspection office to see the wall once it is exposed.

**RECEIVED**  
MAR 1 2010  
Dept. of Building Inspections  
City of Portland Maine

Scope:

- Demo existing interior wall covering to expose wall structure.
- Assess cause of the bow to the existing bank of windows.
- Remove windows and all necessary wiring/plumbing/heating to facilitate remedial framing.
- Remedial framing.
- Install new window units.
- If necessary, re-clad exterior of affected area with like-kind cladding furred out to a profile consistent with the adjacent exterior.
- Re-wire / Plumb / Heat.
- Insulate and drywall interior
- Interior trim and paint

Specifications:

- If the wall structure requires the replacement of a carrying member we will solicit the input of a licensed engineer for the carrying member specifications and installation method.
- All new window units will be Energy Star rated, and conform to the condo association regulations.
- Wall cavity will be insulated with the maximum amount of insulation effective for the cavity. R-13 or R-19

I will be on the road the rest of the day and would be happy to pull-over to discuss this if you were to call.

Shepard Bosworth

shepard@glendalecorp.com

cell (207) 229-0190

www.glendalecorp.com <<http://www.glendalecorp.com/>>

532 Plains Rd, Hollis, ME 04042

-----Original Message-----

From: Jeanie Bourke [mailto:[JMB@portlandmaine.gov](mailto:JMB@portlandmaine.gov)]

Sent: Monday, March 01, 2010 10:34 AM

To: shepard@glendalecorp.com

Subject: Fwd: 18 Taylor

>>> Jeanie Bourke 3/1/2010 9:26 AM >>>

Hi Shepard,

Thanks for the return call. If you could clarify on a floor plan where these windows are located. Also, there are several photos and it is confusing as there seems to be 2 different buildings.

You said this is in the bottom left unit, is this bowing affecting the wall in other floors as well?

thanks

Jeanie Bourke

Code Enforcement Officer/Plan Reviewer

City of Portland

Planning & Urban Development Dept./ Inspections Division

389 Congress St. Rm 315

Portland, ME 04101

[jmb@portlandmaine.gov](mailto:jmb@portlandmaine.gov)

(207)874-8715



