



May 18, 2011

Jeanie Bourke
City of Portland
Planning & Urban Development Dept./ Inspections Division
389 Congress St. Rm. 315
Portland, ME 04101

Jeanie,

Enclosed are the revised drawings for the third floor renovations at the Maine College of Art in Portland. We are requesting that you update the previously submitted permit application documents with the attached drawings dated 05.17.11.

As we discussed in our phone conversation this is to add an additional area of work (sheet A1.3 added) and amended the other drawings accordingly.

Although the city's code checklist indicates the 2003 code is in effect, we understand per your instructions that we need to use the 2009 version instead. Accordingly, per your request, we have reviewed the applicable sections of the 2009 IBC code in comparison to the 2003 version. Our review of those sections found that the code summary shown on the sheet LS1.1 is still correct. A few code section numbers were different in the 2009 code. Those have been update on the revised drawings. We have also revised the occupancy numbers based on the new areas now included. The overall number increased by (3) occupants. Updated travel distances are also indicated on the revised drawings.

The plumbing code references have been deleted since there is no plumbing work included in this project. The electrical and HVAC work is being done on a design-build basis and those contractors will submit for separate permits.

No exterior changes were made as part of this revision and thus the Historic District review is not impacted. Glazing energy performance is based on a Series 400 window by Universal Door & Window with one inch clear insulating glass. Data sheets are included for your review.

If you have any questions or need further clarifications please do not hesitate to call.

Sincerely,
Charles Young, AIA

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Series 400

Double Hung, Rated Heavy Commercial

Thermally Improved Prime Replacement Windows

- Utilizes complete Thermal Break Sash and Master Frame for optimal insulating value
- Features 1" clear insulating glass made with Super Spacer®, the world's only TrueWARM® edge technology
- Deep double-step Hospital Sill provides superior ventilating and water performance
- Marine Glazing protects glass edge and assures easy repair
- Anti-Creep Lock on top sash creates stability for worry-free operation
- Telescoping Sash Engineering provides optimum air and water protection
- Special Tubular Sash Design gives added strength and long life
- Block and Tackle Balances are standard
- Custodial Hardware assures safe operation (Ideal for schools and institutional use)

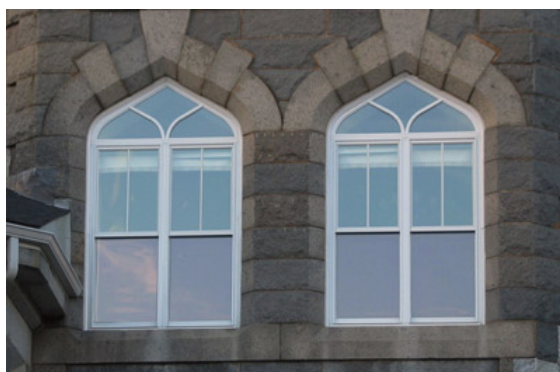
PERFORMANCE

- DH HC-45 @ 60" x 96" DH HC-65 @ 4'0x5'0 Air Infiltration @ 1.57 psf: .10
- Water Resistance @ 11.00 psf: No entry
- Uniform Structural Load: 67.5 psf @ 5'6x8'0, 97.5 psf @ 4'0x6'0
- Operating force: 42 lbs max.
- Condensation Resistance Factor: 46

OPTIONS

- Glass: Low-E, Soft-Coat, Solar Control, Argon, Tempered, Obscure, Wire, or Spandrel
- Ultra Lift or Spiral Balances
- Exterior Panning Systems (Square and Colonial types)
- Interior Trim System
- Receptor Systems
- Flange Frame
- Head Expander and Sill Angle
- Special Finishes and Custom Architectural Finishes
- Child Guard and Vandal Screens
- Internal or External Grids and External Colonial Grids

[SCREENS](#) | [GRIDS](#) | [COLORS](#)



For detailed CAD drawings, [contact us](#) in our sales department.

SPECIFICATIONS

General: All aluminum windows furnished as shown in the plans shall conform to the specifications in AAMA/NWWDA 101/IS2-97. They are furnished with all necessary hardware, trim and miscellaneous items as specified.

Material: Aluminum used is commercial quality 6063-T5 alloy with a minimum ultimate tensile strength of 22,000 psi, free of defects impairing strength and durability, and with standard wall tolerances as defined in the Architectural Aluminum Manufacturer's Association Master Specifications for aluminum windows. All members of the frame and sash shall be split and bridged with a continuous structural thermal break of high density, low conductivity urethane insulation cavity fill, with removal of the extrusion cavity bridging aluminum after curing.

Weatherstripping: Equal to Fin Pile or Virgin Vinyl where called for.

Construction and Operation: Windows are assembled to perform as herein specified, to assure a neat appearance and weather tight construction. All sash and frame members are firmly joined with mechanical joints using stainless steel screws into integral screw ports. Each frame corner joint is secured with two screws. Sash corner joints are telescoped for rigidity and appearance. Meeting rails have mechanical interlocks, and the horizontal rails of the upper and lower sashes have extruded handles for operating the sashes. When windows are not being expressly used for ventilation, they must be fully closed and locked. Failure to do so may result in personal injury or damage to property. All sashes are tilt type for easy cleaning. Top sashes have "Anti-Creep" latches.

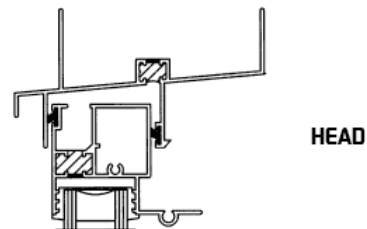
Glazing: Sashes are glazed with 1" sealed insulated glass, using "Float Glass" quality, and constructed to allow field replacement of glazing material. Glazing is "Marine" type wrap around vinyl gasket, without the use of removable beads or glazing compound. All insulated glass conforms to, and is in compliance with, ASTM E 773-83 AN E 744-74A-Class CBA.

Spacer: Edgetech's Super Spacer® contains NO-Metal and is one of the most thermatically efficient IG spacers available today. Super Spacer® reduces sealant stress while improving heat flow resistance, glass surface temperature, condensation resistance and sound absorption. Super Spacer® is the only polymer foam, NO-Metal warm edge spacer.

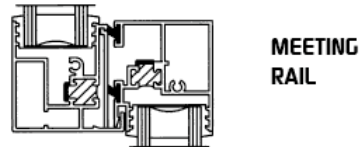
Finish: The exposed surfaces of all aluminum members shall be clean and free of serious blemishes, scratches or tool marks. Standard finish is electrostatically applied acrylic enamel with a 5-stage chromate undercoating conforming to AAMA 603.8 standard. Standard colors are white, black, bronze, green and beige (see color chart). Other architect specified finishes may be available at additional cost.

Hardware: All fasteners, screws and other miscellaneous fastening devices shall be of non-corrosive material compatible with aluminum. Balances of appropriate size and capacity to hold each sash stationary at open position are factory installed. They meet AAMA 902.2 specification, and are easily replaceable after the window is installed. Block and Tackle balances are standard. Ultra-Lift and Spiral balances are available at an additional cost.

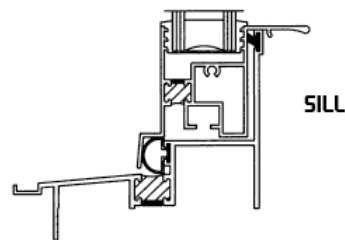
Screens: Optional half-screens shall have extruded aluminum frames securely joined at the corners, and finish will match that of the window frame. Screens are of fiberglass screen cloth 18x16 mesh held into the frame with a vinyl spline. Screens are re-wirable and easily removable by side compression of two springs. **WARNING:** Insect screens are intended to provide reasonable insect control, and are not intended to provide for the retention of objects or persons from the interior.



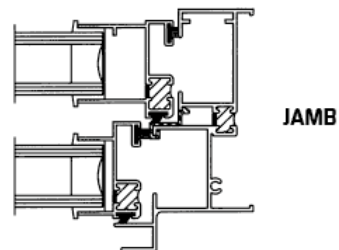
HEAD



MEETING RAIL



SILL



JAMB