



**APPLICATION**  
CERTIFICATE of APPROPRIATENESS-or-  
DESIGN APPROVAL-or-EXEMPTION

Deliver or mail to:  
Environment Department  
Boston City Hall, Rm 709  
Boston, MA 02201

**For Office Use Only**

APPLICATION # \_\_\_\_\_  
RECEIVED \_\_\_\_\_  
FEE \_\_\_\_\_  
HEARING DATE \_\_\_\_\_

**DO NOT RETURN THIS FORM BY FAX OR EMAIL**

**DO NOT STAMP THIS BOX**

I. PROPERTY ADDRESS \_\_\_\_\_

NAME of BUSINESS/PROPERTY \_\_\_\_\_

The names, telephone numbers, postal and e-mail addresses requested below will be used for all subsequent communications relating to this application. Environment Department personnel cannot be responsible for illegible, incomplete or inaccurate contact information provided by applicants.

II. APPLICANT \_\_\_\_\_

CONTACT NAME \_\_\_\_\_ RELATIONSHIP TO PROPERTY \_\_\_\_\_

MAILING ADDRESS \_\_\_\_\_ ZIP \_\_\_\_\_

PHONE \_\_\_\_\_ EMAIL \_\_\_\_\_

PROPERTY OWNER \_\_\_\_\_ CONTACT NAME \_\_\_\_\_

MAILING ADDRESS \_\_\_\_\_ ZIP \_\_\_\_\_

PHONE \_\_\_\_\_ EMAIL \_\_\_\_\_

ARCHITECT \_\_\_\_\_ CONTACT NAME \_\_\_\_\_

MAILING ADDRESS \_\_\_\_\_ ZIP \_\_\_\_\_

PHONE \_\_\_\_\_ EMAIL \_\_\_\_\_

CONTRACTOR \_\_\_\_\_ CONTACT NAME \_\_\_\_\_

MAILING ADDRESS \_\_\_\_\_ ZIP \_\_\_\_\_

PHONE \_\_\_\_\_ EMAIL \_\_\_\_\_

III. DESCRIPTION OF PROPOSED WORK

**A BRIEF OUTLINE OF THE PROPOSED WORK *MUST* BE GIVEN IN THE SPACE PROVIDED BELOW, OR THE APPLICATION WILL *NOT* BE ACCEPTED.** This description provides the basis for the official notice and subsequent decision, and it must clearly represent the entirety of the project. Additional pages may be attached, if necessary, to provide more detailed information.

REQUIRED DOCUMENTATION: Please include all required documentation with this application; review instructions carefully for details.

ESTIMATED COST OF PROPOSED WORK: \_\_\_\_\_

IV. DULY AUTHORIZED SIGNATURES (both required)

The facts set forth above in this application and accompanying documents are a true statement made under penalty of perjury.

APPLICANT HPaul Rovinelli OWNER\* Jill Hatton  
 \*(If building is a condominium or cooperative, the chairman must sign.)

PRINT H PAUL ROVINELLI PRINT JILL HATTON

Environment Department personnel cannot be responsible for verifying the authority of the above individuals to sign this application. Misrepresentation of signatory authority may result in the invalidation of the application.

**UNSIGNED OR PARTIALLY SIGNED FORMS WILL BE REJECTED**

**THIS APPLICATION IS NOT COMPLETE WITHOUT SIGNATURES, FEES AND REQUIRED DOCUMENTATION.**

The checklist below is for reference only: Please refer to the detailed application instructions for deadlines, fee schedule and required documentation specific to your proposal.

COMPLETED APPLICATION FORM

APPLICATION FEE (Check or money order made payable to City of Boston; see fee schedule in Instructions)

DESCRIPTION OF WORK (A brief description must be included on the front page; additional pages of detailed information may be attached. **Applications that only note "see attached" will not be accepted.**)

PHOTOS OF EXISTING CONDITIONS

DRAWINGS AND SPECIFICATIONS AS REQUIRED (See "documentation requirements" in instructions)

Hatton Facades

38 IRVING ST, BEACON HILL  
BOSTON MASSACHUSETTS

Architect  
H.P. ROVINELLI ARCHITECTS  
4 Brattle St. No. 304  
Cambridge, Massachusetts 02138  
Tel 617.714.4585  
www.hprovinelli.com

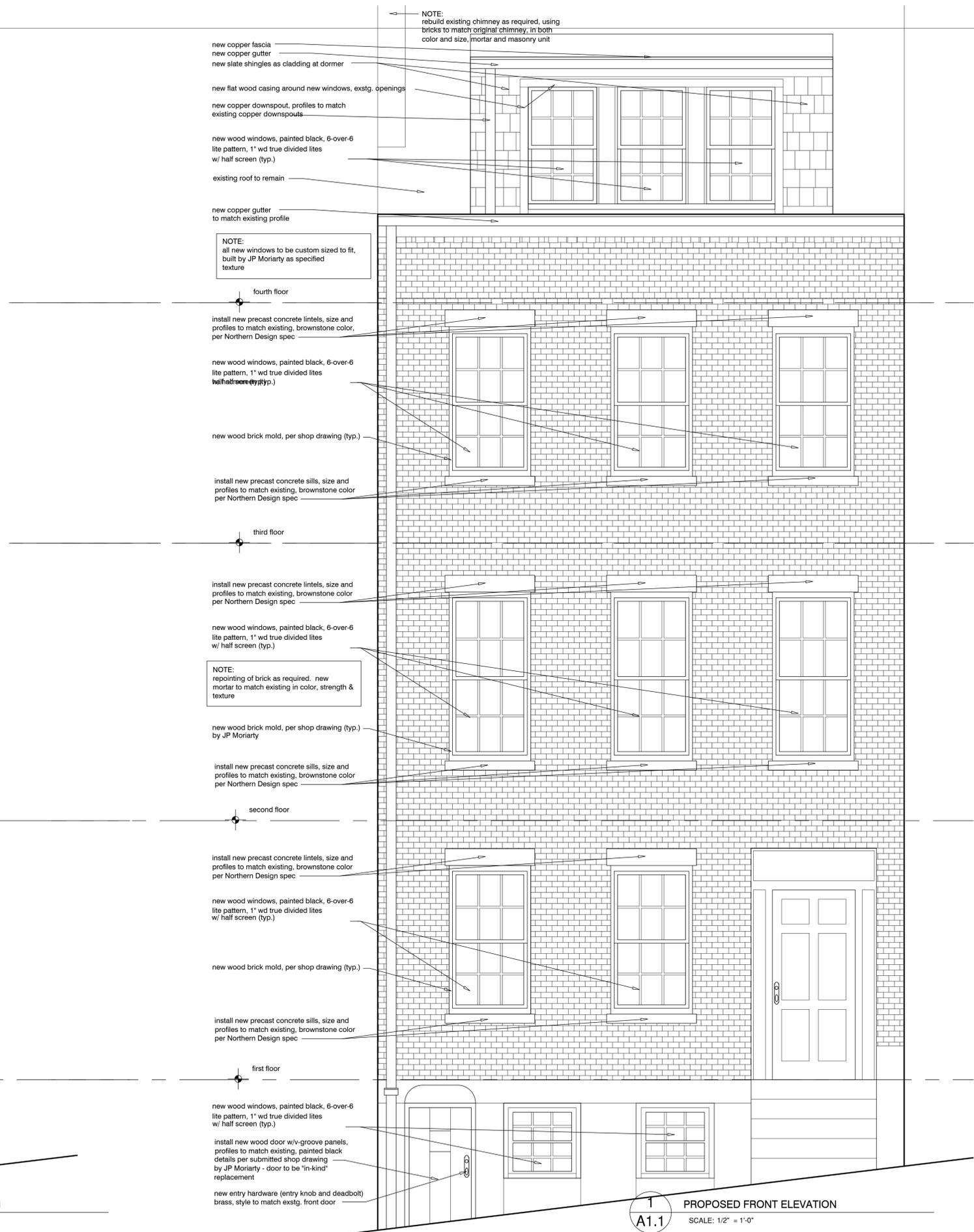
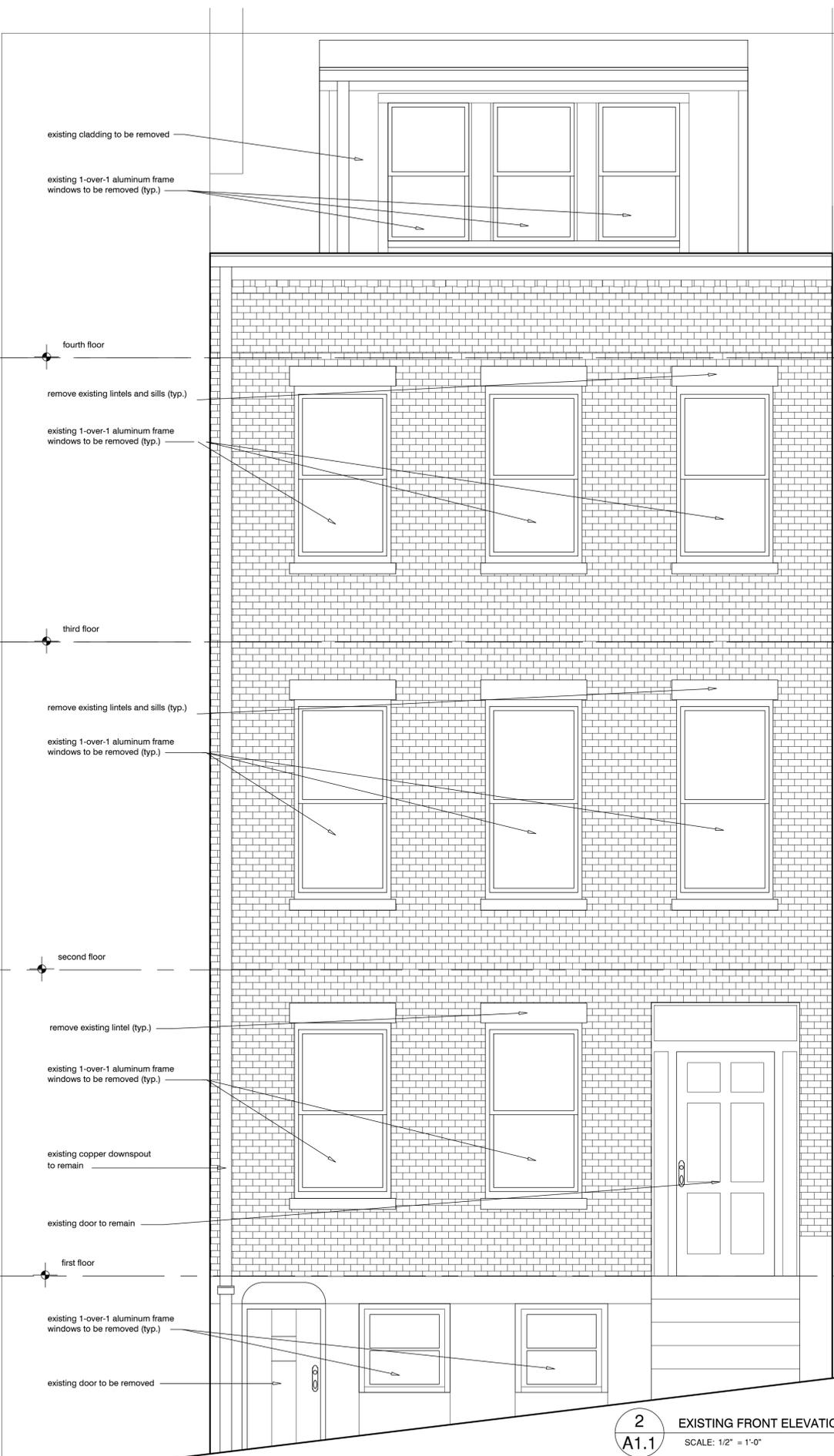
Issue

No.	Description	Date

Date \_\_\_\_\_ Scale \_\_\_\_\_  
February 22, 2018  
Drawn By \_\_\_\_\_  
Project Number \_\_\_\_\_  
1705

Proposed and Existing Front Elevations

A1.1



NOTE: rebuild existing chimney as required, using bricks to match original chimney, in both color and size, mortar and masonry unit

NOTE: all new windows to be custom sized to fit, built by JP Moriarty as specified texture

NOTE: repointing of brick as required. new mortar to match existing in color, strength & texture

NOTE: install new wood door w/v-groove panels, profiles to match existing, painted black details per submitted shop drawing by JP Moriarty - door to be "in-kind" replacement

NOTE: new entry hardware (entry knob and deadbolt) brass, style to match exstg. front door

Issue

No.	Description	Date

Date \_\_\_\_\_ Scale \_\_\_\_\_

February 22, 2018 \_\_\_\_\_

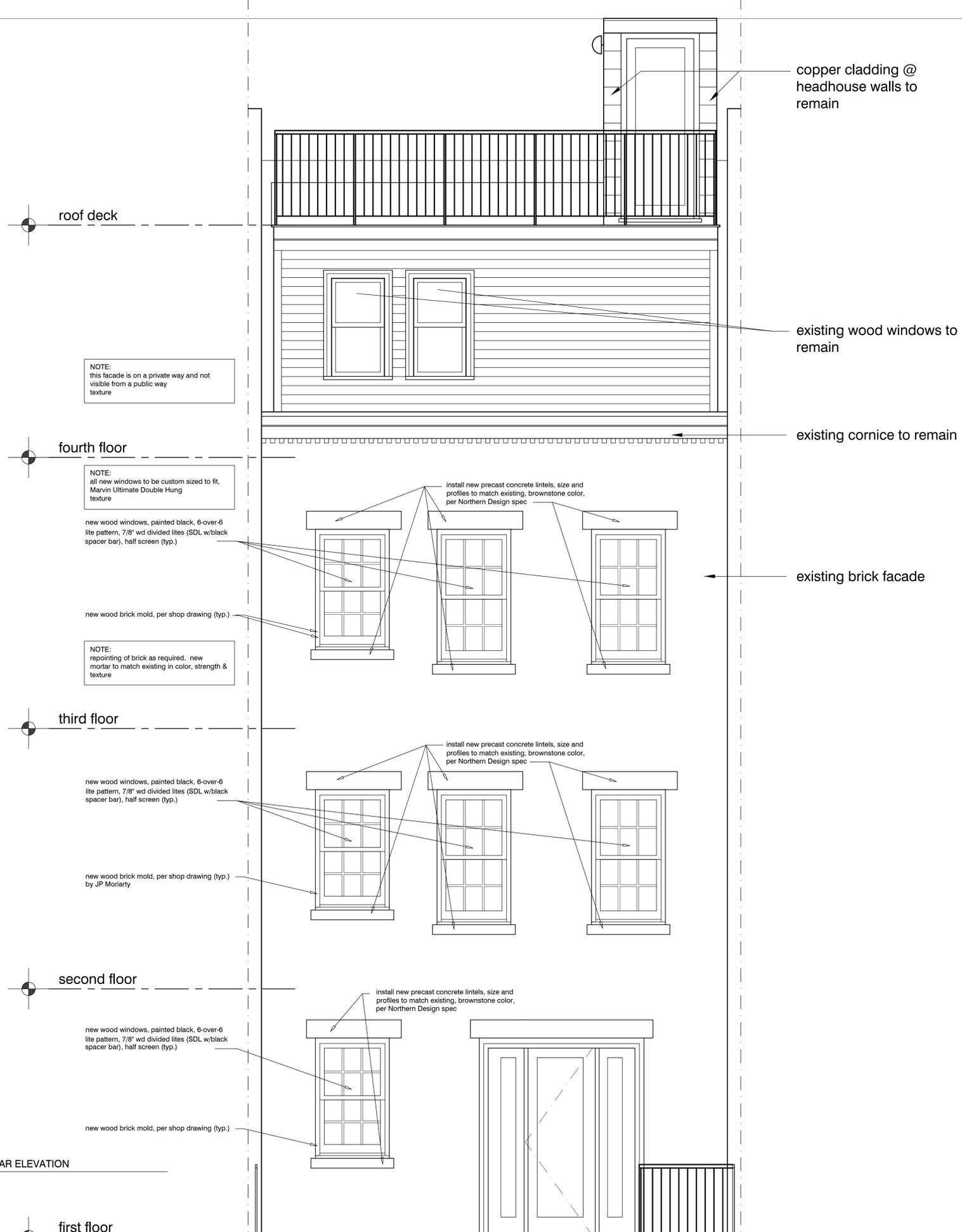
Drawn By \_\_\_\_\_

Project Number \_\_\_\_\_

1705 \_\_\_\_\_

Proposed Rear  
Elevation

A1.2



1 PROPOSED REAR ELEVATION  
A1.2 SCALE: 1/2" = 1'-0"

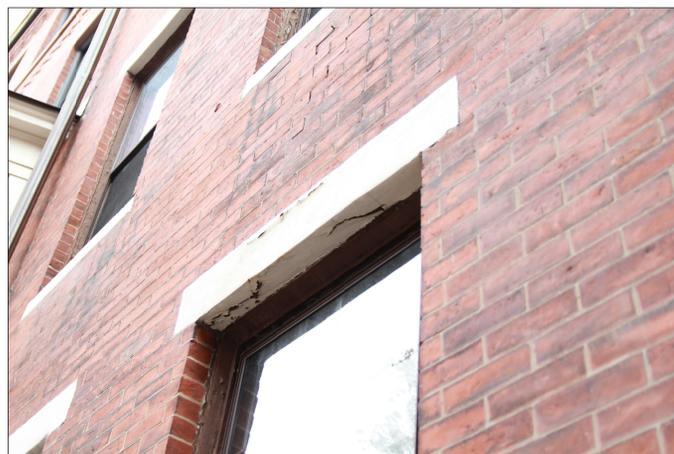
Hatton Facades

38 IRVING ST, BEACON HILL  
BOSTON MASSACHUSETTS

Architect

H.P. PROVANELLI ARCHITECTS

4 Brattle St. No. 304  
Cambridge, Massachusetts 02138  
Tel 617.714.4585  
www.hprovinelli.com



EXISTING LINTEL (TYPICAL)



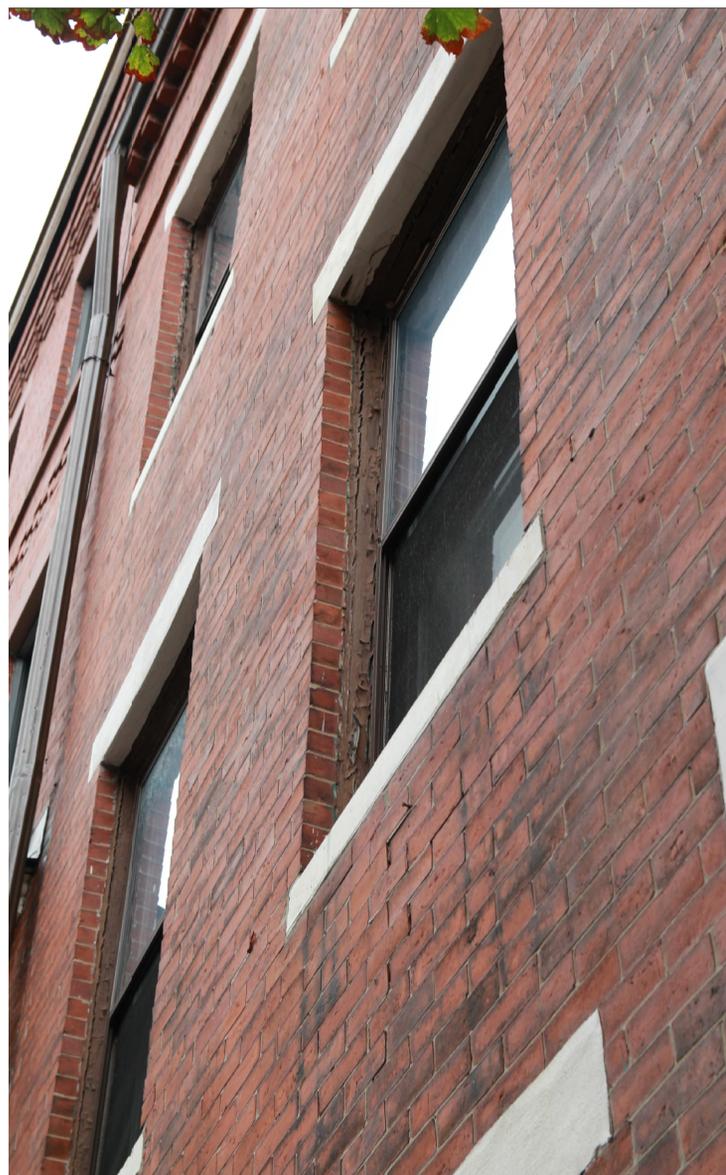
EXISTING FRONT DORMER



EXISTING FRONT ENTRIES



EXISTING LOWER ENTRY DOOR



EXISTING WINDOWS (TYPICAL)



EXISTING FRONT ELEVATION

Issue

No.	Description	Date

Date \_\_\_\_\_ Scale \_\_\_\_\_

February 22, 2018 \_\_\_\_\_

Drawn By \_\_\_\_\_

Project Number \_\_\_\_\_

1705 \_\_\_\_\_

Existing Front  
Facade  
Photographs

A1.3



J. P. MORIARTY & CO. INC.  
RESTORATION MILLWORK

22 CLIFTON STREET  
SOMERVILLE, MA 02144

TEL: 617-628-3000 FAX: 617-623-7912

**PROJECT NAME**

38-B IRVING STREET  
BEACON HILL  
BOSTON, MA

**BUILDER**

M. F. REYNOLDS, INC.  
MEDFORD, MA

**ARCHITECT**

**DESIGNER**

**DESIGNER**

**DRAWING TITLE**

CELLAR DOOR

**DRAWING INFORMATION**

SCALE: 1-1/2" = 12" OR AS NOTED

ISSUE DATE: FEB. 15, 2018

DRAWN BY: JPM

CHECKED BY:

REVISIONS:

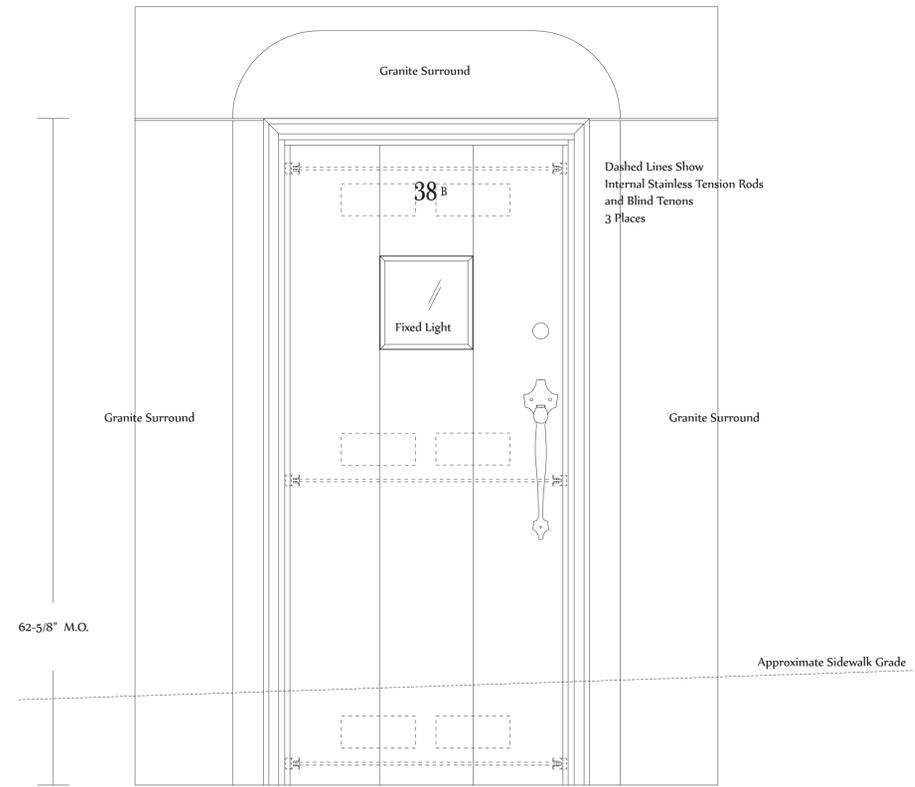

**FILE NAME**

**JOB NUMBER**

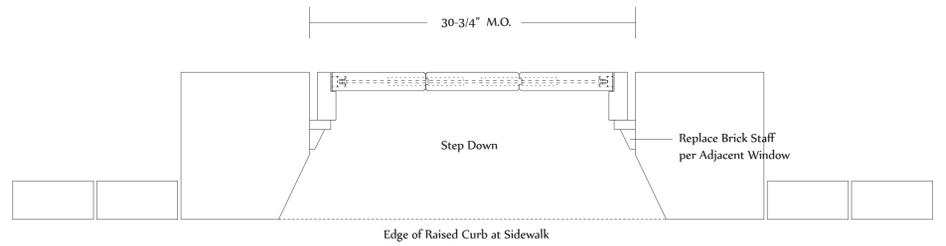
**13579**

**DRAWING NUMBER**

**D 1**



Street Elevation  
Scale 1-1/2" = 12"



**Technical Notes and Specifications:**

1. JPM to confirm masonry openings at site.
2. Material of door is Accoya (acetylated radiata pine.) Material of frame and trim is Spanish cedar.
3. Material will be shop primed with one coat of medium gray primer with tannin blocking additives. Finish paint is to field applied by others to match color and finish on building.
4. Only stainless steel screws maybe used to install hinges and other hardware in contact with the door slab. This precaution is not necessary for hardware in contact with the frame or trim. The use of steel, iron, or plated steel hardware is not recommended for hardware in contact with the door slab, unless a 40 mil sheet rubber corrosion break is used.
5. G.C to supply and install lock.
6. Door is set up left hand to swing into basement alley.



**NORTHERN DESIGN**  
**ARCHITECTURAL PRECAST & CAST STONE**  
51 INTERNATIONAL DRIVE – LOUDON, NEW HAMPSHIRE 03307  
TEL: (603) 783-8989 FAX: (603)783-9090

**SUBMITTAL PACKAGE TO:**

**M.F. Reynolds, Inc.**  
**Attn: David Dankens**  
**125 East Albion Street**  
**Medford, Massachusetts 02155**  
**Tel: 781-393-4800**  
**[ddankens@mfreynolds.com](mailto:ddankens@mfreynolds.com)**

**NDP Job # 555B**

**RE: Architectural Cast Stone Sills & Lintels**

**JOB: 38 Irving Street ~ Boston, Massachusetts**

**PRESENTED BY: Jessica J. Vaillancourt**  
**Northern Design Precast, Inc.**  
**Physical Address:**  
**51 International Drive**  
**Loudon, New Hampshire 03307**  
**Mailing Address:**  
**P.O. Box # 7305**  
**Gilford, New Hampshire 03247**  
**Tel: (603) 783-8989**  
**Fax: (603) 783-9090**

**February 8<sup>th</sup>, 2017**





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TEL: (603) 783 - 8989 FAX: (603)783 - 9090



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**NORTHERN DESIGN**  
**ARCHITECTURAL PRECAST & CAST STONE**  
51 INTERNATIONAL DRIVE – LOUDON, NEW HAMPSHIRE 03307  
TEL: (603) 783 - 8989 FAX: (603)783 - 9090

February 8<sup>th</sup>, 2017

M.F. Reynolds, Inc.  
Attn: David Dankens  
125 East Albion Street  
Medford, Massachusetts 02155  
Tel: 781-393-4800  
[ddankens@mfreynolds.com](mailto:ddankens@mfreynolds.com)

NDP Job # 555B

RE: Architectural Cast Stone Sills & Lintels

JOB: 38 Irving Street ~ Boston, Massachusetts

“Brownstone -19” MIX DESIGN: 6500 P.S.I. Minimum Strength Concrete  
At 28 Days

190 lbs. Coarse Aggregate – ½” Stone -- Pike’s Pit / Hooksett, NH  
170 lbs. Fine Aggregate – Cape Cod Sand / Hyannis, MA  
94 lbs. Glens Falls-Lehigh Grey Type III Cement  
3 lbs. Dye # 210 – Dynamic Color Solutions  
1 ½ lbs. Dye # 2472 – Dynamic Color Solutions  
1 ½ lbs. Dye # 275 – Dynamic Color Solutions  
1 lb. Dye # 620 – Dynamic Color Solutions  
4.0 Gallons of Drinkable Water  
4% - 8% Air Content – Darex II AEA by GCP Applied Technologies  
13 - 24 Oz. Water Reducing Agent – ADVA Cast 535 by GCP Applied Technologies  
Water to Cement Ratio .35  
Water Absorption 5% Maximum

Batch Size is 1/8 Yard

All pieces to match finish of existing stones.

Sincerely,

  
Jessica J. Vaillancourt  
NORTHERN DESIGN



THE CURE STARTS NOW FOUNDATION®  
www.thecurestartsnow.org

*This Is To Certify*  
**Northern Design, Inc.**

complies with the requirements of plant certification, thus demonstrating ability to produce Architectural Precast products of exemplary quality; therefore, this company is hereby recognized as an



and is entitled to all honors, privileges, and qualifications extended to those recognized within the  
**Architectural Precast Association Plant Certification Program**  
Certification is contingent upon satisfactory completion of periodic inspections and compliance  
is not affirmed past the expiration date of:

**March 31st, 2018**

**Certification Designations**  
**Architectural Cast Stone Wet Pour**



*Mario Forlenza*  
Mario Forlenza, Committee Chairman

*Fred L. McGee*  
Fred L. McGee, President  
Construction Certification Institute





**CCRL**  
Cement and Concrete  
Reference Laboratory

[www.ccr1.us](http://www.ccr1.us)

April 12, 2016

Mr. John Turner  
President  
John Turner Consulting, Incorporated  
19 Dover Street Dover  
Dover, New Hampshire 03820

Subject: Inspection of Concrete Masonry Unit, Concrete, and Aggregate Testing Laboratories

Dear Mr. Turner:

Enclosed is a confirmatory report on Inspection Number M-909, which was completed in your testing laboratories at Dover, New Hampshire, on March 2, 2016, by a representative of the Cement and Concrete Reference Laboratory.

This letter, and the accompanying report, provide written evidence that your laboratories have been inspected during the 37<sup>th</sup> Inspection Tour.

Very truly yours,

Steven E. Lenker, P.E.  
Director, Construction Materials Reference Laboratories  
Cement and Concrete Reference Laboratory

Enclosure

cc: N. Cutter

Safety Data Sheet



NORTHERN DESIGN PRECAST, INC.

**Section 1: Company and Product Identification**

**Product Name:** Architectural Precast Concrete / Cast Stone Products

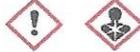
**Company:** Northern Design Precast, Inc.  
51 International Drive  
Loudon, New Hampshire 03307  
PH: 603-783-8989

**Emergency Response:** 603-783-8989

**Relevant Identified Uses:** Building Materials

**Section 2: Hazards Identification**

**Hazard Pictograms:**



**Signal Word:** Danger

**Hazard Category:** Serious eye damage/eye irritation Cat 2  
Skin corrosion/irritation Cat 2  
Sensitization, skin Cat 1  
Carcinogenicity Cat 1  
Specific target organ tox, single exp. Cat 3 (resp irrit)  
Specific target organ tox, repeat exp. Cat 1

**Hazard Statements:** Causes serious eye irritation  
Causes skin irritation  
May cause allergic skin reaction  
May cause cancer  
May cause respiratory irritation

**Precautionary Statements:** If exposed or concerned: Get medical advice / attention  
If skin irritation or a rash occurs: Get medical advice / attention  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - Continue rinsing  
If eye irritation persists: Get medical advice / attention  
If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
If exposed or you feel unwell: Call a POISON CENTER or doctor/physician

**Hazards not otherwise classified:** Not applicable, none known.

**Disposal:** Dispose of any unused or unwnated precast / cast stone products in a accordance with all local, regional, national and international regulations.

**Section 3: Composition / Information on Ingredients**

Hazardous substance (name)	Hazard Category	CAS#	Weight %
Quartz	Carc Cat 1	14808-60-7	Varies
Silica	Carc Cat 1	14808-60-7	Varies

**Section 4: First Aid Measures**

**If ingested:** Rinse mouth. Seek immediate medical attention.

**If inhaled:** Remove to fresh air. Obtain medical attention if asthma-like symptoms or other symptoms develop.

**Eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do. Get medical attention if irritation develops or persists.

**Skin contact:** Take off immediately all contaminated clothing. Rinse with water thoroughly. Get medical advice if irritation develops or persists.

**Additional Info:** Observe for any symptoms for several hours after exposure. Follow up with medical attention if symptoms develop.

**Medical Conditions Aggravated by Exposure:** Excessive dust exposure may aggravate any existing respiratory disorders or diseases. Possible complications or allergies resulting in irritation to skin, eyes and respiratory tract may occur from excessive exposure to dust.

**Specific Treatments:** In case of accident or if you feel unwell, seek medical advice immediately.

**Section 5: Fire Fighting Measures**

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**Extinguishing Method / Not Applicable**  
**Equipment:**  
**Hazardous Decomposition Info:** No Data Available

**Section 6: Accidental Release Measures**

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**Personal precautions, protective equipment and procedures:** For personal protection, see section 8 of the SDS.  
**Containment Equipment and Not Applicable**  
**Procedures:**  
**Cleanup Procedures:** Not Applicable

**Section 7: Handling and Storage**

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**Safe Handling Precautions:** Avoid contact with eyes, skin, and clothing. Avoid breathing dust. Wear appropriate personal protective equipment.  
**Recommendations for Storage:** Store and stack product in a safe and stable manner to avoid falling hazards.

**Section 8: Exposure Control / Personal Protection**

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**General / Engineering Controls:** Local exhaust ventilation should be utilized to control dust exposure. Eye wash facilities must be available when handling this product.  
**Work Clothing:** Protective work clothing which covers skin and prevents exposures. Steel toe work boots should be worn while handling products.  
**Eye/face protection:** Wear safety goggles or face shield.  
**Skin Protection:** Use of gloves and / or protective clothing if abrasions or allergic reactions are experienced.  
**Respiratory Protection:** Utilize organic vapor respirator if airborne levels are not maintained below exposure limits, or if ventilation is inadequate.

Substances with Exposure Limits	CAS#	ACGIH-TLV	OSHA-PEL
Quartz	14808-60-7	25mg/m <sup>3</sup>	30 mg/m <sup>3</sup>
Silica	14808-60-7	25mg/m <sup>3</sup>	30 mg/m <sup>3</sup>

**Section 9: Physical and Chemical Properties**

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<b>State:</b> Granular Solid	<b>Melting Point:</b> Not avail	<b>Freezing Point:</b> Not avail
<b>Color:</b> Varies	<b>Boiling Point/Range:</b> Not avail	<b>pH:</b> Not avail
<b>Sp Grav:</b> Not avail	<b>Odor:</b> Not avail	<b>Water Solubility:</b> Not avail
<b>Evaporation rate:</b> Not avail	<b>Flash Point:</b> Not avail	<b>Part. Coeff (n-octanol/water):</b> Not avail
<b>Upper Flam Limits:</b> Not avail	<b>Lower Flam Limits:</b> Not avail	<b>Vapor Pressure:</b> Not avail
<b>VOC Content (lbs/gal):</b> Not avail	<b>Viscosity:</b> Not avail	<b>Autoignition Temp:</b> Not avail

**Section 10: Stability and Reactivity**

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**General:** Precast Concrete / Cast Stone product as shipped is non-reactive under normal conditions of use.  
**Incompatible materials:** No data available  
**Decomposition products:** No data available

**Section 11: Toxicological Information**

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**General Information:** Toxicological properties of this formulation have not been investigated. The information in this section describes the potential hazards of crystalline silica. Concrete dust may contain crystalline silica, a chemical known to cause cancer and other reproductive harm. Inhalation of the concrete dust above established or recommended levels should be avoided by use of wet sawing and use of a NIOSH and / or MSHA approved respirator.

**Carcinogen Status:** The following carcinogenicity classification for crystalline silica have been established by the following agencies:

**OSHA:** Not regulated as a carcinogen  
**IARC:** Group 1 Carcinogenic in humans  
**NIOSH:** Carcinogen, with no further categorization  
**NTP:** Known carcinogen

**Effect of Short Term and Long Term Exposure:** Precast Concrete / Cast Stone products as shipped do not present an inhalation, ingestion or contact hazard. However, operations such as sawing and/ or grinding may result in the following effect:

**Eye:** May cause irritation by abrasion with dust or chips.

**Skin:** Concrete dust or chips may cause allergic reactions in hypersensitive individuals; May cause cuts and skin abrasions.

**Ingestion:** No known acute effects

**Inhalation:** Concrete dust or chips may cause congestion and irritation in nasal and respiratory passages.

**Long Term:** Excessive exposure to respirable particles (dust) over an extended period may result in the development of pulmonary diseases such as silicosis.

**Section 12: Ecological Information**

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**General information:** There is no known environmental impacts.

**Section 13: Disposal Information**

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**Product disposal:** Dispose of product in accordance with local, regional, state and national regulations. Consult with waste contractor.

**Section 14: Transport Information**

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**This material is not regulated for transportation as a hazardous material / dangerous goods.**  
**DOT:** Precast Concrete/ Cast Stone products as shipped are not hazardous materials per DOT regulations.

**Section 15: Regulatory Information**

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**TSCA:** All components listed on the TSCA 8(b) inventory.

**California Prop 65 Substances:** Product contains disclosure substances (See Section 3).

**DOT:** Precast Concrete/ Cast Stone products as shipped are not hazardous materials per DOT regulations.

**EPCRA Sections 311/312 & 313:** Precast Concrete / Cast Stone products as shipped are not a 311 / 312 reportable product or subject to Section 313 - Toxic Chemical Release Inventory reporting requirements.

**Section 16: Other Information**

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**SDS Author:** Brian Vaillancourt

**Version Date:**

1/11/2016



## Mill Test Report

Plant Location: Glens Falls., NY  
 Mill Test Date: 2/22/2016

Cement Type: **Type III**  
 Mill Test Month: Jan-16

Standard Chemical Requirements ASTM C 114	Test Results Results	ASTM C150 / AASHTO M 85
		TYPE III Specifications
Silicon Dioxide (Si <sub>2</sub> O <sub>3</sub> ), %	18.22	
Aluminum Oxide (Al <sub>2</sub> O <sub>3</sub> ), %	5.50	
Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> ), %	2.06	
Calcium Oxide (CaO), %	62.28	
Magnesium Oxide (MgO), %	2.49	6.0 Max
Sulfur Trioxide (SO <sub>3</sub> ), %	4.49	4.5 Max*
Loss on Ignition (LOI), %	2.42	3.0 Max
Insoluble Residue, %	0.62	0.75 Max
Total Alkalies [Na <sub>2</sub> O + 0.658*K <sub>2</sub> O] (%):	1.03	0.60 Max
Tri-Calcium Silicate [C <sub>3</sub> S] (%):	61.14	
Tri-Calcium Aluminate [C <sub>3</sub> A] (%):	11.08	15 Max
CO <sub>2</sub> (%)	1.55	
Limestone Addition (%):	4.01	5.0 Max
CaCO <sub>3</sub> in Limestone (%)	95.3	70 Min

### PHYSICAL REQUIREMENTS

Blaine Fineness ASTM C 204 (m <sup>2</sup> /kg):	4842	
325-Mesh Sieve Retained ASTM C 430(%):	1.66	
Time of Setting Vicat - Initial Set ASTM C 191 (min):	103	45 Min
Time of Setting Vicat - Final Set ASTM C 191 (min):	232	375 Max
Air Content ASTM C 185 (%):	5	12 Max
Paste False Set ASTM C 451 (%):	-	50 min
Soundness-Autoclave Expansion ASTM C 151(%):	0.12	0.80 Max
Expansion in Water ASTM C 1038 (%):	0.005	0.020 Max
Normal Consistency ASTM C 187 (%):	28.6	
Compressive Strengths 1 Day ASTM C109 (psi):	3952	1740 Min
Compressive Strengths 3 Day ASTM C109 (psi):	5025	3480 Min
Compressive Strengths 7 Day ASTM C109 (psi):	5680	
Compressive Strengths 28 Day ASTM C109 (psi):	6239	

The above test results are representative of cement from which the shipment was made.

The cement complies with the requirements of ASTM C 150 and AASHTO M 85 specifications.

This cement is high alkali.

Note \*: ASTM and AASHTO refer to footnote "d" in cases where the optimum SO<sub>3</sub> (using ASTM C 563) of a particular cement is close to or in excess of the limit in this specification. In such cases where properties of a cement can be improved by exceeding the SO<sub>3</sub> limits in the table, it is permissible to exceed the limits provided it is demonstrated by ASTM C 1038 that the cement with the increased SO<sub>3</sub> will not develop expansion exceeding 0.020% at 14 days.

Hermanus Potgieter, Quality Control Manager

# IRON CLAD TYPE III

- ❑ Complies with all standard chemical and physical requirements for Type III cement contained in American Society for Testing and Materials (ASTM) C-150, "Standard Specification for Portland Cement"
- ❑ Will provide strong, durable, long lasting concrete when combined with ASTM approved materials and used according to American Concrete Institute (ACI) recommended practices
- ❑ Will provide Type N, S, or M masonry mortar when used in accordance with ASTM C-270, "Standard Specification for Mortar for Unit Masonry"
- ❑ Sold in bulk or convenient one cubic foot (94lb.) bags
- ❑ Is a *light gray* color often preferred for architectural concrete and masonry mortars
- ❑ Recommended for use in precast, pre-stressed concrete, masonry units, concrete and mortars used in cold weather, and special applications requiring high early strength or early form removal



## PORTLAND CEMENT

**Get the Iron Clad  
Advantage**



LEHIGH NORTHEAST CEMENT COMPANY

**LEHIGH**  
HEIDELBERG CEMENT Group

Glens Falls, New York 12801

Office 518-792-1137

Fax 518-792-0731 800-833-4157

# DAREX<sup>®</sup> II AEA

## Air-entraining admixture

ASTM C260

### Product Description

Darex<sup>®</sup> II AEA is an air-entraining admixture which generates a highly stable air void system for increased protection against damage from freezing and thawing, severe weathering, or de-icer chemicals. Darex II AEA is a complex mixture of organic acid salts in an aqueous solution specifically formulated for use as an air-entraining admixture for concrete and is manufactured under rigid control which provides uniform, predictable performance. It is supplied ready to-use and does not require pre-mixing with water. Darex II AEA is a dark brown liquid. One gallon weighs 8.7 lbs (1.04 kg/L). Darex II AEA complies to ASTM C260 *Standard Specifications for Air-Entraining Admixtures for Concrete*.

### Uses

Darex<sup>®</sup> II AEA is used in ready-mix, block, and concrete products plants to improve air entrainment stability. It is particularly effective in maintaining air content during longer haul times. Darex II AEA performs well in conventional concrete and is effective in plasticizing mixes and with slag, lightweight, or manufactured aggregates which tend to produce harsh concrete.

Darex II AEA entrains air effectively with microsilica concrete and with fly ash concrete.

### Performance

By agitation of concrete mixers, Darex II AEA disperses and generates millions of discrete semi-microscopic bubbles throughout the concrete composite. Once thoroughly mixed, the concrete contains a stable network of bubbles which act much like ball bearings increasing mobility, or plasticity, of the concrete. This aids workability to the mix and permits a reduction of water with no loss of slump. Placeability is improved. Bleeding, segregation and green shrinkage are minimized.

Through the purposeful entrainment of air, Darex II AEA markedly increases the durability of concrete to all exposures.

### Addition Rates

There is no standard addition rate for Darex II AEA. The amount to be used will depend upon the amount of air required under job conditions, usually in the range of 4 to 7%. Typical factors which might influence the amount of air entrained are temperature, cement, sand gradation, and use of extra fine materials such as fly ash. Typical Darex II AEA addition rates generally range from ½ to 5 fl oz/100 lbs (30 to 320 mL/100 kg) of cement.

The air-entraining efficiency of Darex II AEA becomes even greater when used with water-reducing and set-retarding agents. This may allow a reduction of up to ¾ in the amount of Darex II AEA required for the specified air content.

### Mix Adjustment

Entrained air results in increased yields with a consequent decrease in the cement content of the placed concrete. This condition calls

### Product Advantages

- Air stability makes it particularly useful for longer transit times
- Produces excellent air void systems in concretes that are traditionally difficult to air entrain

for a mix adjustment, usually accomplished by reducing the fine aggregate content. This is in addition to the reduction in water content brought about by the increase in plasticity.

## Compatibility with Other Admixtures and Batch Sequencing

Darex II AEA is compatible with most GCP admixtures as long as they are added separately to the concrete mix. In general, it is recommended that Darex II AEA be added to the concrete mix near the beginning of the batch sequence for optimum performance, preferably by "dribbling" on the sand. Different sequencing may be used if local testing shows better performance. Please see GCP Technical Bulletin TB-0110, *Admixture Dispenser Discharge Line Location and Sequencing for Concrete Batching Operations* for further recommendations. Darex II AEA should not be added directly to heated water.

Pretesting of the concrete mix should be performed before use, and as conditions and materials change in order to assure compatibility, and to optimize dosage rates, addition times in the batch sequencing and concrete performance. Please consult your GCP Applied Technologies representative for guidance.

## Packaging & Handling

Darex II AEA is available in bulk, delivered by metered tank trucks, totes and drums. **Darex II AEA will freeze at about 30°F (-1°C), but its air-entraining properties are completely restored by thawing and thorough mechanical agitation.**

## Dispensing Equipment

A complete line of accurate dispensing equipment is available. These dispensers can be located to discharge into the water line, the mixer, or on the sand.

## Specifications

Concrete shall be air entrained concrete, containing 4 to 7% entrained air. The air contents in the concrete shall be determined by the pressure method (ASTM Designation C231), gravimetric method (ASTM Designation C138) or volume metric method (ASTM Designation C173). The air-entraining admixture shall be Darex II AEA as manufactured by GCP Applied Technologies, or equal. The air-entraining admixture shall be added at the concrete mixer or batching plant at approximately ½ to 5 fl oz/100 lbs (30 to 320 mL/100 kg) of cement, or in such quantities as to give the specified air contents.

gcpat.com | North America Customer Service: 1-877-4AD-MIX1 (1-877-423-6491)

We hope the information here will be helpful. It is based on data and knowledge considered to be true and accurate, and is offered for consideration, investigation and verification by the user, but we do not warrant the results to be obtained. Please read all statements, recommendations, and suggestions in conjunction with our conditions of sale, which apply to all goods supplied by us. No statement, recommendation, or suggestion is intended for any use that would infringe any patent, copyright, or other third party right.

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# ADVA® CAST 535

## High-range water-reducing admixture

ASTM C494 Type A and F

### Product Description

ADVA® Cast 535 admixture is a high efficiency, polycarboxylate-based high-range water reducer designed for the production of a wide range of concrete mixes, from conventional to Self-Consolidating Concrete. It is designed to impart extreme workability without segregation to the concrete.

This product meets ASTM Type A and F requirements as a water reducing and high range water reducing admixture.

It is supplied as a ready-to-use liquid that weighs approximately 8.5 lbs/gal (1.0 kg/L), and ADVA® Cast 535 does not contain intentionally added chlorides.

### Uses

ADVA® Cast 535 high-range water reducer is formulated to impart improved workability to the concrete and to achieve high early compressive strength as required by the precast industry. It can be used for the production of Self-Consolidating Concrete (SCC) in precast/prestressed applications and may be used in conventional concrete production.

ADVA Cast 535 high-range water reducer may be used in low water-cementitious ratio applications where concrete stability and improved tolerance to concrete material variability are required.

This product may be used to produce concrete with very low water-cementitious ratios while maintaining normal levels of workability.

### Addition Rates

ADVA Cast 535 high-range water reducer is an easy to dispense liquid admixture. Dosage rates can be adjusted to meet a wide

spectrum of concrete performance requirements. Addition rates can vary from 6 to 30 fl oz/100 lbs (400 to 2000 mL/100 kg) with the type of application, but will typically range from 9 to 18 fl oz/100 lbs (600 to 1200 mL/100 kg) of cementitious. Should conditions require using more than the recommended addition rate, please consult your GCP Applied Technologies representative.

Mix proportions, cementitious content, aggregate gradations and ambient conditions will affect the product's dosage requirements. If materials or conditions require using more than the recommended addition rates, or when developing mix designs for Self-Consolidating Concrete please consult your GCP Applied Technologies representative for more information and assistance.

### Compatibility with Other Admixtures and Batch Sequencing

ADVA® Cast 535 high-range water reducer is compatible with most GCP admixtures as long as they are added separately to the

### Product Advantages

- Excellent dosage efficiency also moisture control
- Excellent entrained air quality
- Enhanced concrete cohesiveness with low viscosity for rapid placement
- Superior finish on cast surfaces
- Enhanced strength development



concrete mix. However, it is not recommended for use in concrete containing naphthalene-based admixtures including Daracem® 19 and Daracem 100. In general, it is recommended that the product be added to the concrete mix near the end of the batch sequence for optimum performance. Different sequencing may be used if local testing shows better performance. Please see GCP Technical Bulletin TB-0110, *Admixture Dispenser Discharge Line Location and Sequencing for Concrete Batching Operations* for further recommendations. ADVA Cast 535 high-range water reducer should not come in contact with any other admixture before or during batching.

Pretesting of the concrete mix should be performed before use and as conditions and materials change in order to assure compatibility with other admixtures, and to optimize dosage rates, addition times in the batch sequencing and concrete performance. For concrete that requires air entrainment, the use of an ASTM C260 air-entraining agent (such as Daravair® or Darex® product lines) is recommended to provide suitable air void parameters for freeze-thaw resistance. Please consult your GCP Applied Technologies representative for guidance.

## Packaging & Handling

ADVA Cast 535 high-range water reducer is available in bulk, delivered by metered trucks, in 275 gal (1040 L) totes, and 55 gal (210 L) drums. It will freeze at approximately 32°F (0°C) but will return to full functionality after thawing and thorough mechanical agitation.

## Dispensing Equipment

A complete line of accurate, automatic dispensing equipment is available.

[gcpat.com](http://gcpat.com) | North America Customer Service: 1-877-4AD-MIX1 (1-877-423-6491)

We hope the information here will be helpful. It is based on data and knowledge considered to be true and accurate, and is offered for consideration, investigation and verification by the user, but we do not warrant the results to be obtained. Please read all statements, recommendations, and suggestions in conjunction with our conditions of sale, which apply to all goods supplied by us. No statement, recommendation, or suggestion is intended for any use that would infringe any patent, copyright, or other third party right.

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August 31, 2016

Northern Design  
51 International Drive  
Loudon, NH 03307

Dear Customer,

This letter is to certify that all of our pigments pass ASTM C-979- Standard Specification for Integrally Colored Concrete. Please keep this document on file.

If you have any questions, or need additional copies of this letter, please contact me.

Yours Sincerely  
Dynamic Color Solutions, Inc.

Sharon Christiansen  
Office Manager



## grayson roofing slate



[specifications \(#specifications\)](#)

[finishes \(#finishes\)](#)

[applications \(#applications\)](#)

[projects \(#projects\)](#)

## specifications

[stone image \(#page\)](#) | [specifications \(#specifications\)](#) | [finishes \(#finishes\)](#) | [applications \(#applications\)](#) | [projects \(#projects\)](#)

Grayson Slate® Roofing is the classic unfading gray black roofing slate from Buckingham County, Virginia. This exceptional slate is quarried and fabricated by James River Slate Company®, a subsidiary of Vermont Structural Slate Company. Because of its superior properties and performance, reflective gray black color and rich texture, architects repeatedly specify this natural slate for institutional, commercial and residential roofing projects. It is appropriate for both traditional and contemporary architecture. Being an “unfading” slate, this durable material will hold its basic color after many years of exterior use. Grayson Roofing Slate is available in many sizes and thicknesses. For more information on Grayson Slate and James River Slate Company, please visit [www.jamesriverslate.com](http://www.jamesriverslate.com).

### **stone type**

slate

### **color**

Charcoal gray with some reflective quality. Natural veining and markings occur.

### **weathering characteristic**

“Unfading”, meaning it will hold its basic color even after many years of exterior use.

### **properties**

Exceptionally strong and hard, durable, dense, low absorption rate, resistant to freeze-thaw cycles. Stain- and fire-resistant. No detrimental effects on the environment.

### **suitability**

exterior

### **maintenance**

Minimal. Broken shingles can be easily replaced with the use of a slate ripper.

### **samples**

upon request

### **astm results**

upon request

## finishes

[stone image \(#page\)](#) | [specifications \(#specifications\)](#) | [finishes \(#finishes\)](#) | [applications \(#applications\)](#) | [projects \(#projects\)](#)

## finishes descriptions

Roofing - generally natural cleft both faces with trimmed edges.

## applications

[stone image \(#page\)](#) | [specifications \(#specifications\)](#) | [finishes \(#finishes\)](#) | [applications \(#applications\)](#) | [projects \(#projects\)](#)

## projects

[stone image \(#page\)](#) | [specifications \(#specifications\)](#) | [finishes \(#finishes\)](#) | [applications \(#applications\)](#) | [projects \(#projects\)](#)



[\(/project/grayson-roofing-slate\)](#)



[\(/project/the-dakota-nyc\)](#)

# ALCOTT ENTRY KNOB

**MODEL #: 354ATK L03 SMT**



(//s7d1.scene7.com/is/image/Baldwin/ProductDetailTemplate?\$ProductDetailsEnlarge&\$\$SKUImage=Baldwin/354atk-rdb-15-c1&\$FinishSwatch=Baldwin/003-lifepolishedbrass)

**🔍 TAP AND HOLD IMAGE TO ZOOM**

★★★★☆ 2.7 (3) [Write a review](#) [Ask a question](#)

## AVAILABLE FINISHES:

Available Finishes ▼

**WHERE TO BUY (/WHERE-TO-BUY?PRESTIGE=1)**

**ADD TO WISH LIST**

## PRODUCT HIGHLIGHTS

- Alcott Entry Knob, Keyed Entry Knob
- Solid construction
- Superior chassis with powerpack compression springs for operational strength
- ANSI/BHMA Grade 2 security features
- Easy to install
- Adjustable backset latch fits 2-3/8" (60mm) or 2-3/4" (70mm)
- SmartKey® Re-key technology; key compatible with KW1 keyway
- SmartKey® re-key technology allows you to re-key your lock in seconds and features a stainless steel side locking bar for increased strength and security
- Patented side locking bar technology offers improved security by protecting against lock bumping, an attack technique used to defeat conventional pin and tumbler locks
- Accommodates door thickness between 1-3/8" (35mm) to 1-3/4" (44mm).
- Functions available: entry, privacy, passage, half dummy

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## TECHNICAL INFORMATION

 [Installation Guide \(//s7d1.scene7.com/is/content/Baldwin/knobleverinstallation\\_5024705pdf\)](https://s7d1.scene7.com/is/content/Baldwin/knobleverinstallation_5024705pdf)

 [Warranty Document \(//s7d1.scene7.com/is/content/Baldwin/prestige-warrantypdf\)](https://s7d1.scene7.com/is/content/Baldwin/prestige-warrantypdf)

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## COMMERCIAL WARRANTY

**[DOWNLOAD WARRANTY PDF \(HTTP://S7D1.SCENE7.COM/IS/CONTENT/BALDWIN/COMMERCIAL-WARRANTYPDF\)](http://s7d1.scene7.com/is/content/Baldwin/commercial-warrantypdf)**

### **Mechanical Warranty:**

Baldwin Hardware warrants to the original residential purchaser (the "Purchaser") that each Baldwin Commercial product shall be free of mechanical defect for a period of three (3) years from date of purchase.

### **Finish Warranty:**

Limited Lifetime PVD Finish™ Warranty: The Baldwin Lifetime finishes use advanced finishing technology (Physical Vapor Deposition) to create a finish highly resistant to the effects of weather and normal wear and tear. For Baldwin products purchased with Lifetime or PVD finishes, Baldwin warrants the finish shall be free from defects in material and

workmanship from tarnishing, flaking, pitting, and discoloring for the lifetime of the applicable product as long as the original Purchaser occupies the residential premises upon which the product was originally installed.

Limited Finish Warranty: The finish on Baldwin products (excluding Lifetime PVD Finish and living finish products) is protected by a durable topcoat designed to maintain the beauty and quality of the Baldwin product. For Baldwin products purchased with a Limited Finish Warranty, Baldwin warrants the finish shall be free from defects in material and workmanship from tarnishing, flaking, and discoloring for either a) five (5) years from date of purchase for interior use or b) one (1) year from the date of purchase for exterior use; as long as the original Purchaser occupies the residential premises upon which the product was originally installed.

Living Finishes: Atmospheric conditions can cause staining and alkaline etching that varies by geography. In addition, frequency of use will cause the finish to gracefully age in appearance. These finish changes are not considered manufacturing defects and are not covered by this warranty. Rather, they are indicative of normal wear and tear and reflect the essence of a living finish. Due to the nature of Baldwin living finish products, they will wear over time and may already have begun the process before reaching your home. No finish warranty is offered on Baldwin living finish products, which are designed to age and improve over time. Living finishes include raw brass, oil rubbed bronze, stainless steel, and other non-lacquered or non-PVD finishes.

For more details about your product warranty, please contact our Customer Service team (/support/contact-support).

## CUSTOMER REVIEWS

★★★ 2.7 | 3 Reviews



3  
Reviews

13  
Questions

12  
Answers

## REVIEWS

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### Rating Snapshot

Select a row below to filter reviews.

5 ★	<input type="checkbox"/>	1
4 ★	<input type="checkbox"/>	0
3 ★	<input type="checkbox"/>	0
2 ★	<input type="checkbox"/>	1
1 ★	<input type="checkbox"/>	1

### Average Customer Ratings

Overall	★★★☆☆	2.7
Design	★★★★☆	4.7
Quality	★★★☆☆	2.7

1–3 of 3 Reviews

Sort



★★★☆☆ Lkg0123 · 8 months ago

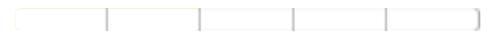
**Don't Buy**

I got new Prestige hardware for all doors 3 1/2 years ago and loved them. About two years ago the back door got stuck in the locked position, couldn't unlock with key or twist. Now the same door is broke again. There are two small pieces that go in and out off the door and the smallest piece broke off. Now I have to fill out forms and send pictures to try and get a part that will probably broke again that was replaced already 1 1/2 years ago. Now the original lock is 3 1/2 years old so unsure if they will cover it again away. I can't lock my door with this broken off, this was time sensitive and they failed! The knobs is pretty and have had no problems with the interior doors or the bathroom door locks. I think the Prestige Series is a entry level knob and but can't hold up to the everyday wear and tear of a entry door. Prestige is great for interiors but put your money in the Estate series for your entry door locks!

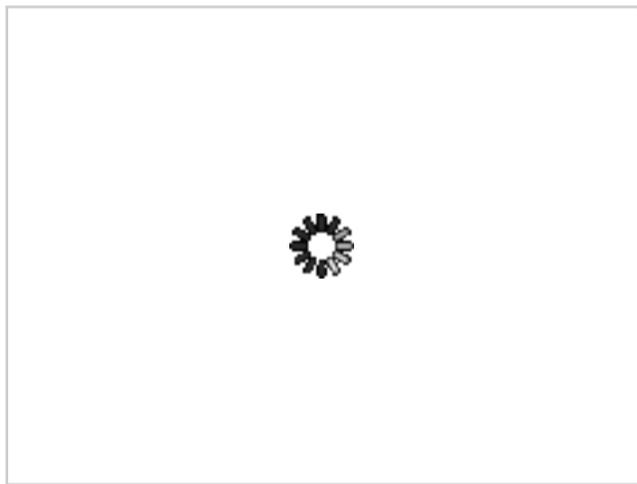
Design



Quality



**Yes**, I recommend this product.



Originally posted on Alcott Entry Knob  
(<http://www.baldwinhardware.com/products/details/door-hardware/knobs/alcott-entry-knob-354atk-15-smt>)

Helpful? Yes · 0 | No · 0 Report



★☆☆☆☆ WC in Katy TX · 8 months ago

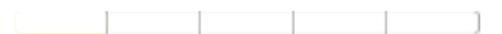
**Expensive failure. Don't buy these knobs!**

I replaced all my house knobs with Baldwin prestige series. Two years ago I love how easy they install and the self rekey function. However, when they fail they fail big. Our exterior door knob just

Design



Quality



stopped functioning leaving us locked out of the house. For the cost of this product I expect this product to last longer than 2 years. Extremely disappointed!! I use to sing praise for these knobs, but now I'll spend my time warning others to not buy Baldwin knobs.

**⊗ No**, I do not recommend this product.

Originally posted on Alcott Entry Knob  
(<http://www.baldwinhardware.com/products/details/door-hardware/knobs/alcott-entry-knob-354atk-15-smt>)

Helpful? Yes · 0 | No · 0 Report

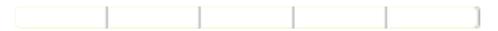


★★★★★ John C · a year ago

### Perfect Door Knob

I replaced the cheap, contractor-grade door knobs on our colonial-style home with these Baldwin knobs. They are heavy duty and look great.

Design



Quality



**☑ Yes**, I recommend this product.

Helpful? Yes · 1 | No · 0 Report

# SINGLE CYLINDER DEADBOLT

**MODEL #: 380RDB L03 SMT**



(//s7d1.scene7.com/is/image/Baldwin/380rdb-3-smt-c1? \$ProductDetailsEnlarge\$)

**🔍 TAP AND HOLD IMAGE TO ZOOM**

★★★★★ 5.0 (13) [Write a review](#) [Ask a question](#)

## AVAILABLE FINISHES:

Available Finishes ▼

**WHERE TO BUY (/WHERE-TO-BUY?PRESTIGE=1)**

**ADD TO WISH LIST**

# PRODUCT HIGHLIGHTS

- Single Cylinder Deadbolt, Round
- Solid construction
- Solid brass deadbolt latch with hardened steel roll pin for additional strength and security
- ANSI/BHMA Grade 2 security features
- Easy to install
- Adjustable backset latch fits 2-3/8" (60mm) or 2-3/4" (70mm)
- SmartKey® Re-key technology; key compatible with KW1 keyway
- SmartKey® re-key technology allows you to re-key your lock in seconds and features a stainless steel side locking bar for increased strength and security
- Patented side locking bar technology offers improved security by protecting against lock bumping, an attack technique used to defeat conventional pin and tumbler locks
- Accommodates door thickness between 1-3/8" (35mm) to 1-3/4" (44mm).
- Functions available: single cylinder, double cylinder

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## TECHNICAL INFORMATION

 [Installation Guide \(//s7d1.scene7.com/is/content/Baldwin/deadboltinstallation\\_5024706pdf\)](https://s7d1.scene7.com/is/content/Baldwin/deadboltinstallation_5024706pdf)

 [Warranty Document \(//s7d1.scene7.com/is/content/Baldwin/prestige-warrantypdf\)](https://s7d1.scene7.com/is/content/Baldwin/prestige-warrantypdf)

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## COMMERCIAL WARRANTY

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### **Mechanical Warranty:**

Baldwin Hardware warrants to the original residential purchaser (the "Purchaser") that each Baldwin Commercial product shall be free of mechanical defect for a period of three (3) years from date of purchase.

### **Finish Warranty:**

Limited Lifetime PVD Finish™ Warranty: The Baldwin Lifetime finishes use advanced finishing technology (Physical Vapor Deposition) to create a finish highly resistant to the effects of weather and normal wear and tear. For Baldwin products purchased with Lifetime or PVD finishes, Baldwin warrants the finish shall be free from defects in material and workmanship from tarnishing, flaking, pitting, and discoloring for the lifetime of the applicable product as long as the

original Purchaser occupies the residential premises upon which the product was originally installed.

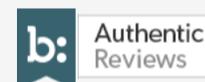
Limited Finish Warranty: The finish on Baldwin products (excluding Lifetime PVD Finish and living finish products) is protected by a durable topcoat designed to maintain the beauty and quality of the Baldwin product. For Baldwin products purchased with a Limited Finish Warranty, Baldwin warrants the finish shall be free from defects in material and workmanship from tarnishing, flaking, and discoloring for either a) five (5) years from date of purchase for interior use or b) one (1) year from the date of purchase for exterior use; as long as the original Purchaser occupies the residential premises upon which the product was originally installed.

Living Finishes: Atmospheric conditions can cause staining and alkaline etching that varies by geography. In addition, frequency of use will cause the finish to gracefully age in appearance. These finish changes are not considered manufacturing defects and are not covered by this warranty. Rather, they are indicative of normal wear and tear and reflect the essence of a living finish. Due to the nature of Baldwin living finish products, they will wear over time and may already have begun the process before reaching your home. No finish warranty is offered on Baldwin living finish products, which are designed to age and improve over time. Living finishes include raw brass, oil rubbed bronze, stainless steel, and other non-lacquered or non-PVD finishes.

For more details about your product warranty, please contact our Customer Service team (/support/contact-support).

## CUSTOMER REVIEWS

★★★★★ 5.0 | 13 Reviews



13  
Reviews

14  
Questions

13  
Answers

## REVIEWS

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### Rating Snapshot

Select a row below to filter reviews.

5 ★	<input type="checkbox"/>	13
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3 ★	<input type="checkbox"/>	0
2 ★	<input type="checkbox"/>	0
1 ★	<input type="checkbox"/>	0

### Average Customer Ratings

Overall ★★★★★ 5.0

1–8 of 13 Reviews

Sort ▾



★★★★★ Debi · 3 months ago

**Baldwin Classic**

Good quality. Took a long time to get all keys, but eventually resolved.



Originally posted on build.com



★★★★★ gampy · 2 years ago

### Quality Product!

Very fast shipping. Fairly easy installation. It looks and works wonderfully!

☑ **Yes**, I recommend this product.



Originally posted on build.com



★★★★★ JM · 2 years ago

### Great Quality

My experience with the Baldwin Prestige Collection has been very good. The quality between this product and the builder grade handsets and locks that were removed is no comparison. The Baldwin is heavy in weight and seem to be all brass. Removal and installation of the new hardware was a 10 minute job and the smart key feature went off without an issue. The whole home re-keyed in less than 30 minutes. Simple instructions and smooth mechanics make for a very smart addition to the home.

☑ **Yes**, I recommend this product.



Originally posted on build.com



★★★★★ jakalres · 2 years ago

### Beautiful, sturdy lock

I installed this a couple of weeks ago and I am very pleased with it. It's beautiful to look at and more secure than my old lock. The latch plate contains 4 longer than usual screws rather than the 2 standard short screws.

I bought it as a set with the "Alcott Style Keyed Entry Knobset," which I especially like because you cannot turn the handle from the inside unless you unlock it first. This makes it harder for me to inadvertently open and pull the door shut, accidentally locking myself out.

My only criticism is the installation instructions on both locks is poor.

✔ **Yes**, I recommend this product.

 Originally posted on build.com



★★★★★ uowdawg · 4 years ago

### **Nice quality at a fair price**

Replaced all the door hardware when I had the interior of my house repainted. Adding this lock along with the other door hardware really gave the paint job a great look. This deadbolt was keyed the same as the door knob.

✔ **Yes**, I recommend this product.

 Originally posted on build.com



★★★★★ Emmy · 4 years ago

### **Good Quality and Smooth Action**

This deadbolt, matching entrance knob set and matching dummy knobs for the inactive door dressed up my "Plain Jane" big box store installed French door set. The door has visual pizzazz and feels like a much higher quality door with these Baldwin locks. Glad I bought them. If I had to complain, it would be that the dummy knobs do not quite match the color of the other items - but only a knitpicker would notice.

✔ **Yes**, I recommend this product.

 Originally posted on build.com



★★★★★ webs · 4 years ago

**Good quality**

I have been very pleased with this product. Works well, looks great!

☑ **Yes**, I recommend this product.



Originally posted on build.com



★★★★★ jacketbyberth · 4 years ago

**Great baldwin quality**

Love the look, quality and ease of installation. Smart key is very handy and easy as well.

☑ **Yes**, I recommend this product.



Originally posted on build.com

1–8 of 13 Reviews



▶ (<https://www.baldwinhardware.com/products/details/door-hardware/deadbolts/single-cylinder-deadbolt-380rdb-l03-smt?bvstate=pg:2/ct:r>)