ISSUE: Permit to Demolish/Capsulate (partial) and Certificate of Appropriateness for an addition and alterations

APPLICANT: Donald D. Devers

LOCATION: Parker-Gray District
1215 and 1215 ½ Queen Street

ZONE: RB/Residential Townhouse Zone

STAFF RECOMMENDATION

Staff recommends approval of the Certificate of Appropriateness with the following conditions:

1. The proposed door surround should not be removed for the proposed design;
2. The proposed drainage be relocated to the rear elevation, and,
3. The replace door on the south (façade) should be a four-panel door without a transom;

GENERAL NOTES TO THE APPLICANT

1. APPEAL OF DECISION: In accordance with the Zoning Ordinance, if the Board of Architectural Review denies or approves an application in whole or in part, the applicant or opponent may appeal the Board's decision to City Council on or before 14 days after the decision of the Board.

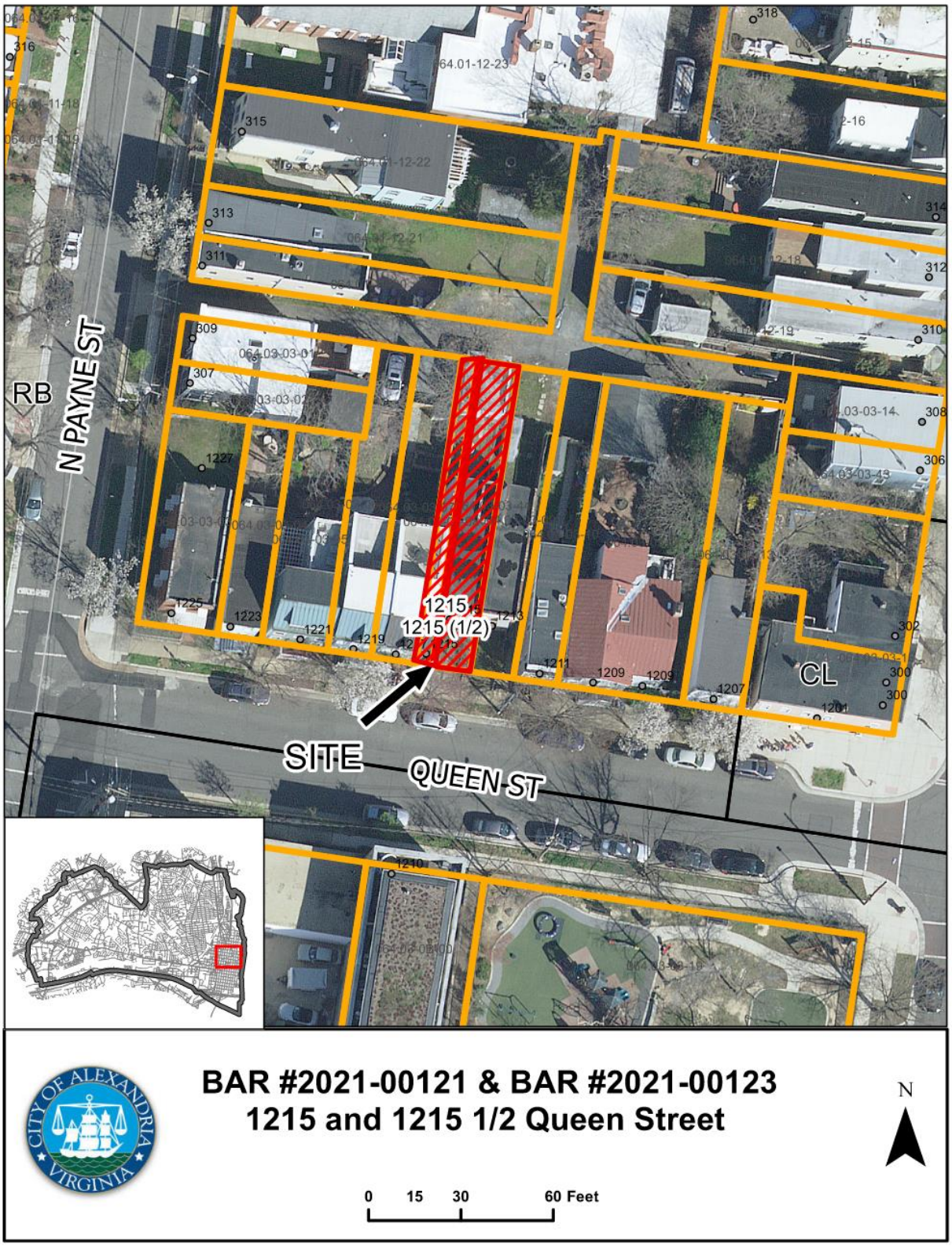
2. COMPLIANCE WITH BAR POLICIES: All materials must comply with the BAR's adopted policies unless otherwise specifically approved.

3. BUILDING PERMITS: Most projects approved by the Board of Architectural Review require the issuance of one or more construction permits by Department of Code Administration (including signs). The applicant is responsible for obtaining all necessary construction permits after receiving Board of Architectural Review approval. Contact Code Administration, Room 4200, City Hall, 703-746-4200 for further information.

4. ISSUANCE OF CERTIFICATES OF APPROPRIATENESS AND PERMITS TO DEMOLISH: Applicants must obtain a copy of the Certificate of Appropriateness or Permit to Demolish PRIOR to applying for a building permit. Contact BAR Staff, Room 2100, City Hall, 703-746-3833, or preservation@alexandriava.gov for further information.

5. EXPIRATION OF APPROVALS NOTE: In accordance with Sections 10-106(B), 10-206(B) and 10-307 of the Zoning Ordinance, any Board of Architectural Review approval will expire 12 months from the date of issuance if the work is not commenced and diligently and substantially pursued by the end of that 12-month period.

6. HISTORIC PROPERTY TAX CREDITS: Applicants performing extensive, certified rehabilitations of historic properties may separately be eligible for state and/or federal tax credits. Consult with the Virginia Department of Historic Resources (VDHR) prior to initiating any work to determine whether the proposed project may qualify for such credits.


RB
N PAYNE ST
1215
1215 (1/2)
SITE
QUEEN ST
CL
BAR #2021-00121 & BAR #2021-00123
1215 and 1215 1/2 Queen Street
N
0 15 30 60 Feet

Note: Staff coupled the applications for a Permit to Demolish (BAR2020-00121) and Certificate of Appropriateness (BAR2020-00123) for clarity and brevity. The Permit to Demolish requires a roll call vote.

I. APPLICANT'S PROPOSAL

The applicant requests a Permit to Demolish/Capsulate (partial) and Certificate of Appropriateness for an addition and alterations, at 1215 and 1215 ½ Queen Street. The permit to demolish includes the encapsulation of portions of the north and east elevations, and the complete demolition of the free-standing garage. The proposed two-story addition will be approximately 97 square feet and located on the north elevation. The proposed alterations are as follows:

1. Remove the awnings from the second-story windows on the south elevation
2. Replace the six-over-six windows on the north and south elevations with two-over-two wood-clad casement windows
3. Remove the existing chimney
4. Replace the existing roof with a standing seam roof
5. Replace existing doors on north and south elevation
6. Install a new door hood on the south elevation
7. Replace existing front yard chain link fence with a wood fence
8. Drainage features
9. Install a new wood rear yard fence

The following alterations were included in the application but do not require Board approval as stated in the Parker-Gary Residential Reference Guide: painting the existing painted masonry wall(north elevation), adding slate pavers to the existing stoop, and installing exterior light fixtures. The application also includes undergrounding utilities which is not under the Board's purview.

Site context
The alley to the north, behind the subject property, is public.

II. HISTORY

The two-bay, two story townhouse at 1215 Queen Street. consists of a masonry main block and a two-story masonry ell. The one-story garage (1215 ½ Queen Street) on the rear property line consists of a masonry block with a low sloping roof. Before the construction of the current property, a townhouse was located on the front property line from 1902 to 1941, based on Sanborn map research. Between 1942 and 1958 only a freestanding garage was located on the rear property line. The subject property was constructed **after 1958**, however, a copy of the building permit could not be located to confirm the construction date.

Previous BAR Approvals
No previous approvals.

III. ANALYSIS

Permit to Demolish/Capsulate

In considering a Permit to Demolish/Capsulate, the Board must consider the following criteria set forth in the Zoning Ordinance, §10-205(B), which relate only to the subject property and not to neighboring properties. The Board has purview of the proposed demolition/capsulation regardless of visibility.

Standard	Description of Standard	Standard Met?
(1)	Is the building or structure of such architectural or historical interest that its moving, removing, capsulating or razing would be to the detriment of the public interest?	No
(2)	Is the building or structure of such interest that it could be made into a historic shrine?	No
(3)	Is the building or structure of such old and unusual or uncommon design, texture and material that it could not be reproduced or be reproduced only with great difficulty?	No
(4)	Would retention of the building or structure help preserve the memorial character of the George Washington Memorial Parkway?	N/A
(5)	Would retention of the building or structure help preserve and protect an historic place or area of historic interest in the city?	No
(6)	Would retention of the building or structure promote the general welfare by maintaining and increasing real estate values, generating business, creating new positions, attracting tourists, students, writers, historians, artists and artisans, attracting new residents, encouraging study and interest in American history, stimulating interest and study in architecture and design, educating citizens in American culture and heritage, and making the city a more attractive and desirable place in which to live?	No

In the opinion of staff, none of the criteria for demolition and capsulation are met and the Permit to Demolish/Capsulate should be granted. The 20th century concrete block shed was constructed between 1921 and 1936 based on Sanborn map research and City permits. The garage and the portions of the ell that will be demolished are not of unusual or uncommon design and could be reproduced easily.

Certificate of Appropriateness

The *Design Guidelines* state that "An addition to a historic building should be clearly distinguishable from the original structure. An addition should not obscure or dilute the

architectural and historic importance of an existing building by creating a false sense of the past." The proposed addition expands the existing ell east to the property line. The addition will be visible from the alley to the north but distinguishable by its 7" smooth fiber cement siding and 6" trim, accomplishing the *Design Guidelines* goal that the addition not "obscure or dilute" the historic structure.

The *Design Guidelines* state that "windows are a principal character defining feature of a building and serve both functional and aesthetic purposes." The proposed replacement windows will be two-over-two wood-clad casement windows. Staff supports the change in configuration and operation because the vernacular mid-20th century building has characteristics of the Italianate style with its flat roof and door surround. Additionally, the subject property is located 14'-9" from the front property line; if the property was located 15' from the front property line the proposed alterations could have been approved administratively per the Parker-Gary Residential Reference Guide.

The applicant also proposes to replace the existing six-panel doors and to add a triangular door hood over the existing door surround. Staff has no objection to the proposed door on the north elevation, as it will be minimally visible from the public alley and does not require Board review as stated in the Parker-Gary Residential Reference Guide. The door on the south elevation, should a four-panel wood door and the door hood should not be installed on the façade because these architectural features are not compatible with the Italianate features on the property. The remaining proposed alterations comply with the Parker-Gary Residential Reference Guide and could be approved at the staff level. Staff recommends that the proposed drainage be relocated to the rear elevation instead of the façade, as the proposed drainage negatively impacts the architectural features on the façade.

The Staff has no objections to the proposed demolition, addition and alterations at 1215 and 1215 ½ Queen Street and with the conditions above, recommends approval of the project.

STAFF
Amirah Lane, Historic Preservation Planner, Planning & Zoning
Tony LaColla, AICP, Land Use Services Division Chief, Planning & Zoning

IV. CITY DEPARTMENT COMMENTS

Legend: C- code requirement R- recommendation S- suggestion F- finding

Zoning

C-1 New fence in front yard may not exceed four feet in height and must be 50% open.

C-2 New fence in rear yard may not exceed six feet in height.

C-3 The property is deficient in open space, however, the proposed location for the new addition is located in an area that does not count as usable open space and therefore will comply with zoning.

F-1 The proposed rear addition, alterations, demolition, new air conditioning unit, and new fence comply with zoning.

Code Administration

A building permit and plan review are required prior to the start of construction.

Transportation and Environmental Services

R-1 The building permit must be approved and issued prior to the issuance of any permit for demolition, if a separate demolition permit is required. (T&ES)

R-2 Applicant shall be responsible for repairs to the adjacent city right-of-way if damaged during construction activity. (T&ES)

R-3 No permanent structure may be constructed over any existing private and/or public utility easements. It is the responsibility of the applicant to identify any and all existing easements on the plan. (T&ES)

F-1 After review of the information provided, an approved grading plan is not required at this time. Please note that if any changes are made to the plan it is suggested that T&ES be included in the review. (T&ES)

F-2 If the alley located at the rear of the parcel is to be used at any point of the construction process the following will be required:
For a Public Alley - The applicant shall contact T&ES, Construction Permitting & Inspections at (703) 746-4035 to discuss any permits and accommodation requirements that will be required.
For a Private Alley - The applicant must provide proof, in the form of an affidavit at a minimum, from owner of the alley granting permission of use. (T&ES)

C-1 The applicant shall comply with the City of Alexandria's Solid Waste Control, Title 5, Chapter 1, which sets forth the requirements for the recycling of materials (Sec. 5-1-99). (T&ES)

C-2 The applicant shall comply with the City of Alexandria's Noise Control Code, Title 11, Chapter 5, which sets the maximum permissible noise level as measured at the property line. (T&ES)

C-3 Roof, surface and sub-surface drains be connected to the public storm sewer system, if available, by continuous underground pipe. Where storm sewer is not available applicant must provide a design to mitigate impact of stormwater drainage onto adjacent properties and to the satisfaction of the Director of Transportation & Environmental Services. (Sec.5-6-224) (T&ES)

C-4 All secondary utilities serving this site shall be placed underground. (Sec. 5-3-3) (T&ES)

C-5 Any work within the right-of-way requires a separate permit from T&ES. (Sec. 5-2) (T&ES)

C-6 All improvements to the city right-of-way such as curbing, sidewalk, driveway aprons, etc. must be city standard design. (Sec. 5-2-1) (T&ES)

Alexandria Archaeology
No archaeological oversight will be necessary for this undertaking.

V. ATTACHMENTS

1 – Application Materials
2 – Supplemental Materials

BAR Case # _____

ADDRESS OF PROJECT: 1215 Queen Street and 1215 1/2 Queen Street

DISTRICT: ☐ Old & Historic Alexandria ■ Parker – Gray ☐ 100 Year Old Building

TAX MAP AND PARCEL: 064.03-03-08 **ZONING:** RB

APPLICATION FOR: *(Please check all that apply)*

■ CERTIFICATE OF APPROPRIATENESS

■ PERMIT TO MOVE, REMOVE, ENCAPSULATE OR DEMOLISH
(Required if more than 25 square feet of a structure is to be demolished/impacted)

☐ WAIVER OF VISION CLEARANCE REQUIREMENT and/or YARD REQUIREMENTS IN A VISION CLEARANCE AREA (Section 7-802, Alexandria 1992 Zoning Ordinance)

☐ WAIVER OF ROOFTOP HVAC SCREENING REQUIREMENT
(Section 6-403(B)(3), Alexandria 1992 Zoning Ordinance)

Applicant: ■ Property Owner ■ Business *(Please provide business name & contact person)*

Name: Donald D. Devers

Address: PMB 127 398 E Dania Beach Blvd

City: Dania Beach State: FL Zip: 330043051

Phone: 571-263-9940 E-mail : Janetldevers@hotmail.com

Authorized Agent *(if applicable)*: ☐ Attorney ■ Architect ☐ _____

Name: Lyndl Thorsen Joseph Phone: 703-244-8473

E-mail: ljoseph@greatseal-us.com

Legal Property Owner:

Name: Donald D. Devers

Address: PMB 127 398 E Dania Beach Blvd

City: Dania Beach State: FL Zip: 330043051

Phone: 571-263-9940 E-mail: Janetldevers@hotmail.com

☐ **Yes** ■ **No** Is there an historic preservation easement on this property?
☐ **Yes** ☐ **No** If yes, has the easement holder agreed to the proposed alterations?
☐ **Yes** ☒ **No** Is there a homeowner's association for this property?
☐ **Yes** ☐ **No** If yes, has the homeowner's association approved the proposed alterations?

If you answered yes to any of the above, please attach a copy of the letter approving the project.

BAR Case # _____

NATURE OF PROPOSED WORK: *Please check all that apply*

- [x] NEW CONSTRUCTION
- [x] EXTERIOR ALTERATION: *Please check all that apply.*
  - [ ] awning
  - [x] fence, gate or garden wall
  - [x] HVAC equipment
  - [ ] shutters
  - [x] doors
  - [x] windows
  - [x] siding
  - [ ] shed
  - [x] lighting
  - [ ] pergola/trellis
  - [ ] painting unpainted masonry
  - [ ] other Door Surround
- [x] ADDITION
- [x] DEMOLITION/ENCAPSULATION
- [ ] SIGNAGE

DESCRIPTION OF PROPOSED WORK: *Please describe the proposed work in detail (Additional pages may be attached).*

The owners are proposing A Rear 2 Story Addition of approximately 99 square feet with Hardie Plank Siding

While demolishing the rear garage and portions of the existing rear and side facing walls.

In addition the owners are to install: new windows and front door with door surround. In addition the owners are install:
1.) a new picket style fence at the front of the house to Replace the chain link fence .

2.) Underground utilities. 3.) New fencing at the rear and new paint on existing painted masonry

4.) A new standing seam roof with new gutters and conductor style drains at the front

5.) Slate pavers on the existing concrete stoop 6.) New cornice and crown modeling at the front 7.) And new lighting

SUBMITTAL REQUIREMENTS:

Items listed below comprise the **minimum supporting materials** for BAR applications. Staff may request additional information during application review. Please refer to the relevant section of the *Design Guidelines* for further information on appropriate treatments.

Applicants must use the checklist below to ensure the application is complete. Include all information and material that are necessary to thoroughly describe the project. Incomplete applications will delay the docketing of the application for review. Pre-application meetings are required for all proposed additions. All applicants are encouraged to meet with staff prior to submission of a completed application.

Demolition/Encapsulation : *All applicants requesting 25 square feet or more of demolition/encapsulation must complete this section. Check N/A if an item in this section does not apply to your project.*

	N/A	
[x]	[ ]	Survey plat showing the extent of the proposed demolition/encapsulation.
[x]	[ ]	Existing elevation drawings clearly showing all elements proposed for demolition/encapsulation.
[x]	[ ]	Clear and labeled photographs of all elevations of the building if the entire structure is proposed to be demolished.
[x]	[ ]	Description of the reason for demolition/encapsulation.
[x]	[ ]	Description of the alternatives to demolition/encapsulation and why such alternatives are not considered feasible.

GREAT SEAL LLC

600 Cameron Street Alexandria, Virginia 22314
Telephone: 703-217-7995 Fax; 703-780-4070

www.greatseal-us.com

Architecture for the Most Important Place in the World. Yours.

DEMOLITION AND ENCAPSULATION STATEMENT

The owner Donald D. Devers and his wife Janet propose to Rehabilitate and enlarge the existing structure to allow for a larger kitchen on the first floor and larger second bedroom on the 2nd floor. The removal of the portions of the existing rear wall and East wall are required in order to provide sufficient access and circulation for the planned addition.

A Number of renditions were explored and the plans being presented are the most feasible and the best use of space for the proposed space allotment.

BAR Case # _____

Additions & New Construction: *Drawings must be to scale and should not exceed 11" x 17" unless approved by staff. Check N/A if an item in this section does not apply to your project.*

	N/A	
☒	☐	Scaled survey plat showing dimensions of lot and location of existing building and other structures on the lot, location of proposed structure or addition, dimensions of existing structure(s), proposed addition or new construction, and all exterior, ground and roof mounted equipment.
☒	☐	FAR & Open Space calculation form.
☒	☐	Clear and labeled photographs of the site, surrounding properties and existing structures, if applicable.
☒	☐	Existing elevations must be scaled and include dimensions.
☒	☐	Proposed elevations must be scaled and include dimensions. Include the relationship to adjacent structures in plan and elevations.
☒	☐	Materials and colors to be used must be specified and delineated on the drawings. Actual samples may be provided or required.
☒	☐	Manufacturer's specifications for materials to include, but not limited to: roofing, siding, windows, doors, lighting, fencing, HVAC equipment and walls.
☒	☐	For development site plan projects, a model showing mass relationships to adjacent properties and structures.

Signs & Awnings: *One sign per building under one square foot does not require BAR approval unless illuminated. All other signs including window signs require BAR approval. Check N/A if an item in this section does not apply to your project.*

	N/A	
☐	■	Linear feet of building: Front:_____Secondary front (if corner lot):_____.
☐	■	Square feet of existing signs to remain:_____.
☐	■	Photograph of building showing existing conditions.
☐	■	Dimensioned drawings of proposed sign identifying materials, color, lettering style and text.
☐	■	Location of sign (show exact location on building including the height above sidewalk).
☐	■	Means of attachment (drawing or manufacturer's cut sheet of bracket if applicable).
☐	■	Description of lighting (if applicable). Include manufacturer's cut sheet for any new lighting fixtures and information detailing how it will be attached to the building's facade.

Alterations: *Check N/A if an item in this section does not apply to your project.*

	N/A	
☒	☐	Clear and labeled photographs of the site, especially the area being impacted by the alterations, all sides of the building and any pertinent details.
☒	☐	Manufacturer's specifications for materials to include, but not limited to: roofing, siding, windows, doors, lighting, fencing, HVAC equipment and walls.
☒	☐	Drawings accurately representing the changes to the proposed structure, including materials and overall dimensions. Drawings must be to scale.
☒	☐	An official survey plat showing the proposed locations of HVAC units, fences, and sheds.
☐	■	Historic elevations or photographs should accompany any request to return a structure to an earlier appearance.

BAR Case # _____

ALL APPLICATIONS: *Please read and check that you have read and understand the following items:*

☐ I have submitted a filing fee with this application. (Checks should be made payable to the City of Alexandria. Please contact staff for assistance in determining the appropriate fee.)

☒ I understand the notice requirements and will return a copy of the three respective notice forms to BAR staff at least five days prior to the hearing. If I am unsure to whom I should send notice I will contact Planning and Zoning staff for assistance in identifying adjacent parcels.

☒ I, the applicant, or an authorized representative will be present at the public hearing.

☒ I understand that any revisions to this initial application submission (including applications deferred for restudy) must be accompanied by the BAR Supplemental form and revised materials.

The undersigned hereby attests that all of the information herein provided including the site plan, building elevations, prospective drawings of the project, and written descriptive information are true, correct and accurate. The undersigned further understands that, should such information be found incorrect, any action taken by the Board based on such information may be invalidated. The undersigned also hereby grants the City of Alexandria permission to post placard notice as required by Article XI, Division A, Section 11-301(B) of the 1992 Alexandria City Zoning Ordinance, on the property which is the subject of this application. The undersigned also hereby authorizes the City staff and members of the BAR to inspect this site as necessary in the course of research and evaluating the application. The applicant, if other than the property owner, also attests that he/she has obtained permission from the property owner to make this application.

APPLICANT OR AUTHORIZED AGENT:

Signature: _____

Printed Name: Lyndi Thorsen Joseph

Date: 03/02/21

OWNERSHIP AND DISCLOSURE STATEMENT
Use additional sheets if necessary

1. Applicant. State the name, address and percent of ownership of any person or entity owning an interest in the applicant, unless the entity is a corporation or partnership, in which case identify each owner of more than three percent. The term ownership interest shall include any legal or equitable interest held at the time of the application in the real property which is the subject of the application.

Name	Address	Percent of Ownership
1. Donald D. Devers	PMB 127 398 E Dania Beach Blvd, Daina Beach, FL	100%
2.		
3.		

2. Property. State the name, address and percent of ownership of any person or entity owning an interest in the property located at _____ (address), unless the entity is a corporation or partnership, in which case identify each owner of more than three percent. The term ownership interest shall include any legal or equitable interest held at the time of the application in the real property which is the subject of the application.

Name	Address	Percent of Ownership
1. Donald D. Devers	PMB 127 398 E Dania Beach Blvd, Daina Beach, FL	100%
2.		
3.		

3. Business or Financial Relationships. Each person or entity listed above (1 and 2), with an ownership interest in the applicant or in the subject property is required to disclose **any** business or financial relationship, as defined by Section 11-350 of the Zoning Ordinance, existing at the time of this application, or within the12-month period prior to the submission of this application with any member of the Alexandria City Council, Planning Commission, Board of Zoning Appeals or either Boards of Architectural Review.

Name of person or entity NA	Relationship as defined by Section 11-350 of the Zoning Ordinance	Member of the Approving Body (i.e. City Council, Planning Commission, etc.)
1. NA		
2. NA		
3. NA		

NOTE: Business or financial relationships of the type described in Sec. 11-350 that arise after the filing of this application and before each public hearing must be disclosed prior to the public hearings.

As the applicant or the applicant's authorized agent, I hereby attest to the best of my ability that the information provided above is true and correct.

3/3/21 — Date
Lyndl Thorsen Joseph — Printed Name
Lyndl Thorsen Joseph — Signature

Department of Planning and Zoning
Floor Area Ratio and Open Space Calculations
as of 12/20/18

B

A. Property Information

A1.	1215 Queen Street Street Address			RB Zone	
A2.	1,405.00 Total Lot Area	x	0.75 Floor Area Ratio Allowed by Zone	=	1,053.75 Maximum Allowable Floor Area

B. Existing Gross Floor Area

Existing Gross Area		Allowable Exclusions**	
Basement		Basement**	
First Floor	535.70	Stairways**	105.90
Second Floor	535.70	Mechanical**	12.50
Third Floor		Attic less than 7'**	
Attic		Porches**	
Porches		Balcony/Deck**	
Balcony/Deck		Lavatory***	
Lavatory***		Other**	
Other**		Other**	
B1. Total Gross	1,071.40	B2. Total Exclusions	118.40

B1. 1,071.40 Sq. Ft.
Existing Gross Floor Area*

B2. 118.40 Sq. Ft.
Allowable Floor Exclusions**

B3. 953.00 Sq. Ft.
Existing Floor Area Minus Exclusions
(subtract B2 from B1)

Comments for Existing Gross Floor Area

C. Proposed Gross Floor Area

Proposed Gross Area		Allowable Exclusions**	
Basement		Basement**	
First Floor	48.50	Stairways**	
Second Floor	48.50	Mechanical**	
Third Floor		Attic less than 7'**	
Attic		Porches**	
Porches		Balcony/Deck**	
Balcony/Deck		Lavatory***	
Lavatory***		Other**	
Other		Other**	
C1. Total Gross	97.00	C2. Total Exclusions	0.00

C1. 97.00 Sq. Ft.
Proposed Gross Floor Area*

C2. 0.00 Sq. Ft.
Allowable Floor Exclusions**

C3. 97.00 Sq. Ft.
Proposed Floor Area Minus Exclusions
(subtract C2 from C1)

D. Total Floor Area

D1. 1,050.00 Sq. Ft.
Total Floor Area *(add B3 and C3)*

D2. 1,053.75 Sq. Ft.
Total Floor Area Allowed by Zone *(A2)*

E. Open Space

E1. 606.75 Sq. Ft.
Existing Open Space

E2. 800.00 Sq. Ft.
Required Open Space

E3. 805.00 Sq. Ft.
Proposed Open Space

Notes

**Gross floor area is the sum of all areas under roof of a lot, measured from the face of exterior walls, including basements, garages, sheds, gazebos, guest buildings and other accessory buildings.*

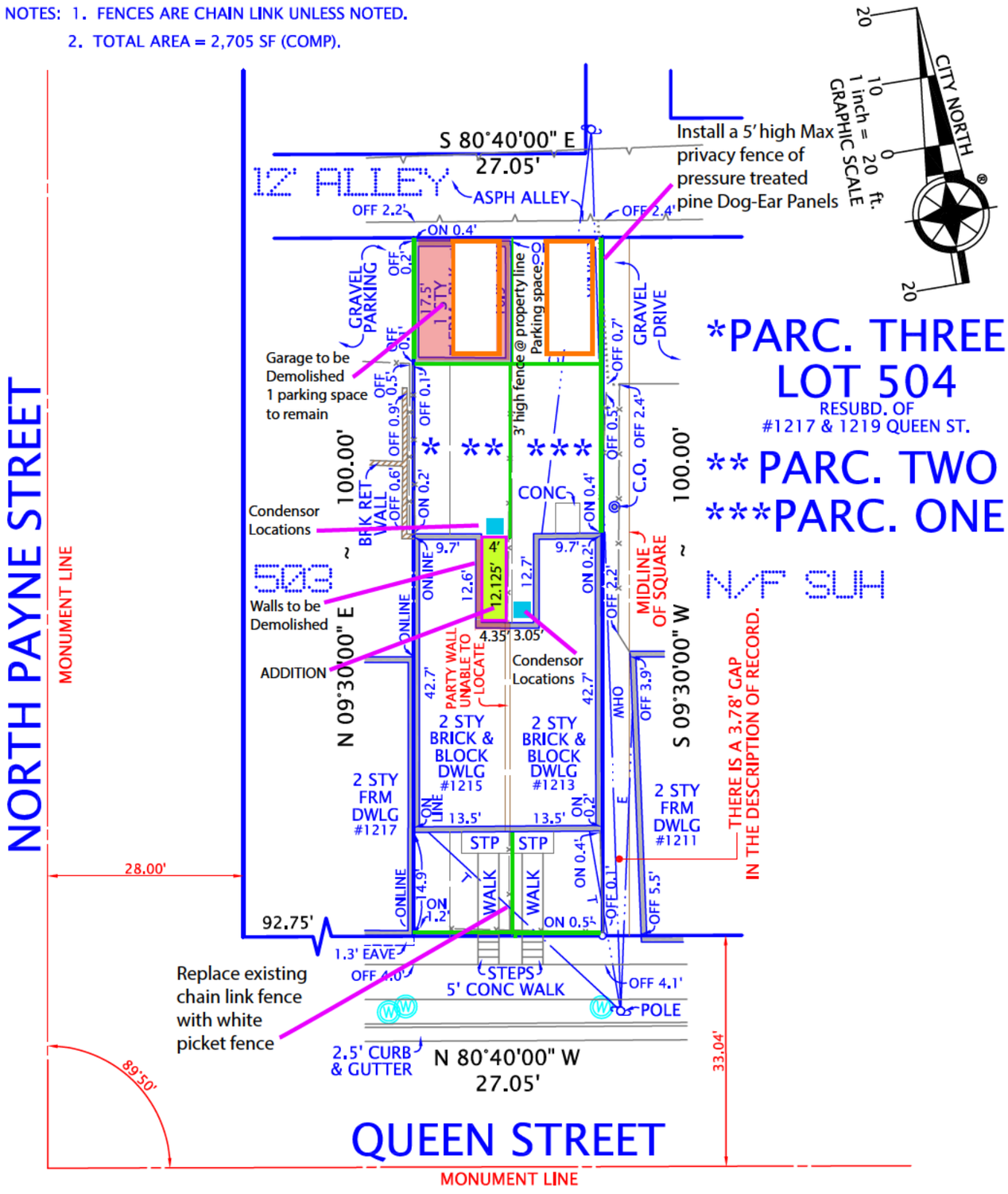
*** Refer to the Zoning Ordinance (Section 2-145(B)) and consult with Zoning Staff for information regarding allowable exclusions. Sections may also be required for some exclusions.*

****Lavatories may be excluded up to a maximum of 50 square feet, per lavatory. The maximum total of excludable area for lavatories shall be no greater than 10% of gross floor area.*

The undersigned hereby certifies and attests that, to the best of his/her knowledge, the above computations are true and correct.

Signature: _____ Date: 03/02/21

NOTES: 1. FENCES ARE CHAIN LINK UNLESS NOTED.
2. TOTAL AREA = 2,705 SF (COMP).



PLAT
SHOWING HOUSE LOCATION ON
THE PROPERTY LOCATED AT
#1213 AND #1215 QUEEN STREET
BEING
PARCELS ONE, TWO AND THREE
(INST. #020028455)
CITY OF ALEXANDRIA, VIRGINIA
SCALE: 1" = 20' JULY 15, 2019

I HEREBY CERTIFY THAT THE POSITIONS OF ALL THE EXISTING IMPROVEMENTS HAVE BEEN CAREFULLY ESTABLISHED BY A CURRENT FIELD SURVEY AND UNLESS SHOWN THERE ARE NO VISIBLE ENCROACHMENTS AS OF THIS DATE:

COMMONWEALTH OF VIRGINIA
07/15/2019
GEORGE M. O'QUINN
LICENSE NO. 2069
LAND SURVEYOR
George M. O'Quinn

CASE NAME:
DONALD DEVERS

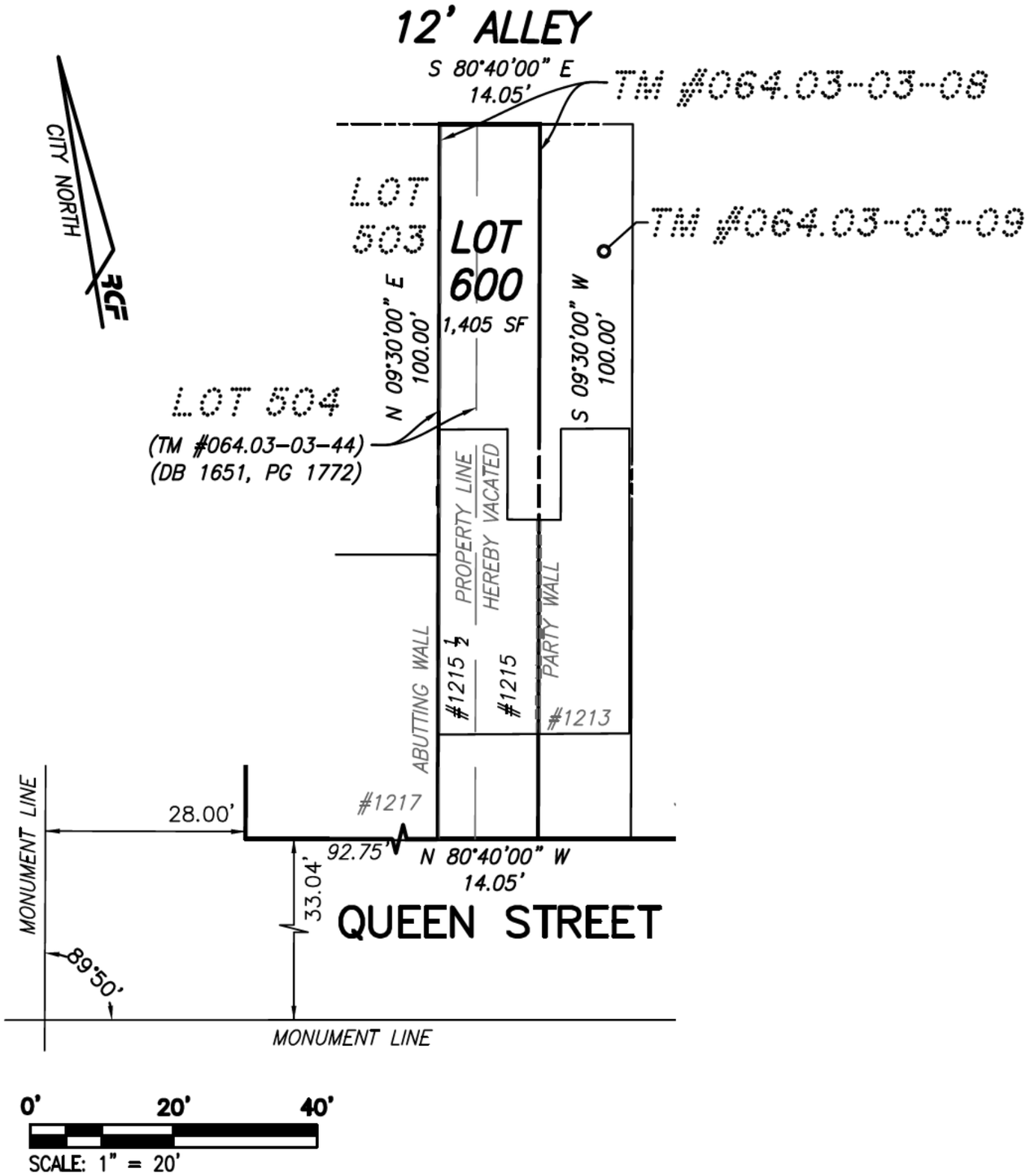
THIS PLAT IS SUBJECT TO RESTRICTIONS OF RECORD.
A TITLE REPORT WAS NOT FURNISHED.
NO CORNER MARKERS SET.

DOMINION Surveyors Inc.®
8808-H PEAR TREE VILLAGE COURT
ALEXANDRIA, VIRGINIA 22309
703-619-6555
FAX: 703-799-6412

CASE NAME: DEVERS #190701026

NOTE: TAX ASSESSMENT MAP NUMBER: 064.03-03-08 (1215 QUEEN STREET)
064.03-03-44 (1215 ½ QUEEN STREET)

ZONE: RB



PLAT

SHOWING LOT 600, BEING A CONSOLIDATION OF
THE PROPERTIES LOCATED AT 1215 & 1215 ½

QUEEN STREET

INSTR. 020028455

CITY OF ALEXANDRIA, VIRGINIA

SCALE: 1" = 20' DATE: JANUARY 6, 2021	OWNER: DONALD D DEVERS CLIENT: WIRE GILL, LLP
INSTR: 020028455 PLAT SUBJECT TO RESTRICTIONS OF RECORD. TITLE REPORT NOT FURNISHED, THUS ALL EASEMENTS MAY NOT BE SHOWN.	RCFIELDS & ASSOCIATES, INC. ENGINEERING • LAND SURVEYING • PLANNING 700 S. Washington Street, Suite 220 www.rcfassoc.com Alexandria, Virginia 22314 (703) 549-6422

COMMONWEALTH OF VIRGINIA
Wim J. De Sutter
Lic. No. 3462
JANUARY 6, 2021
LAND SURVEYOR

DRAFTED: AA CHECKED: WDS

20-227

GREAT SEAL LLC

600 Cameron Street Alexandria, Virginia 22314
Telephone: 703-217-7995 Fax; 703-780-4070

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PARKER GRAY: BAR APPLICATION FOR 1215 QUEEN STREET

EXISTING CONDITION PHOTOS

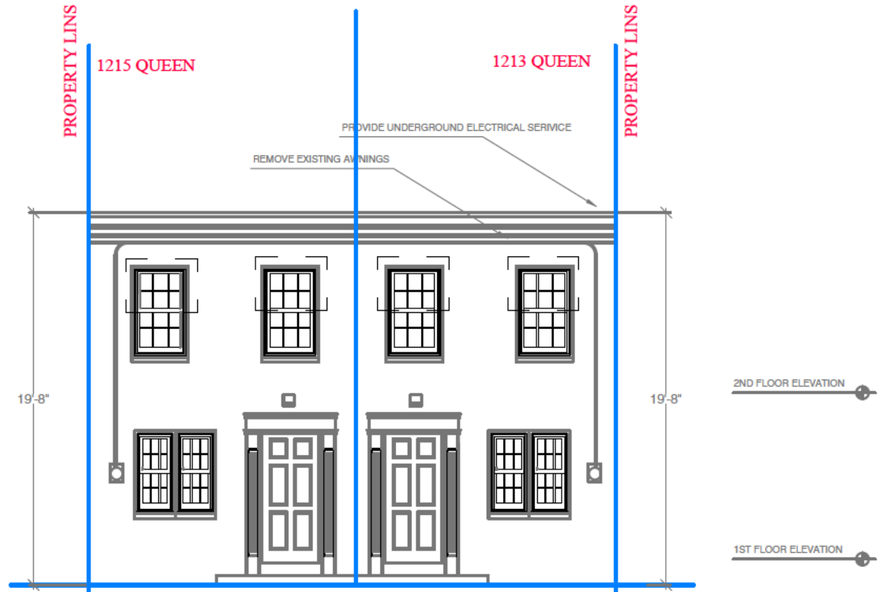
FRONTAL VIEWS ON QUEEN STREET:

REAR VIEW FROM THE NORTH SIDE

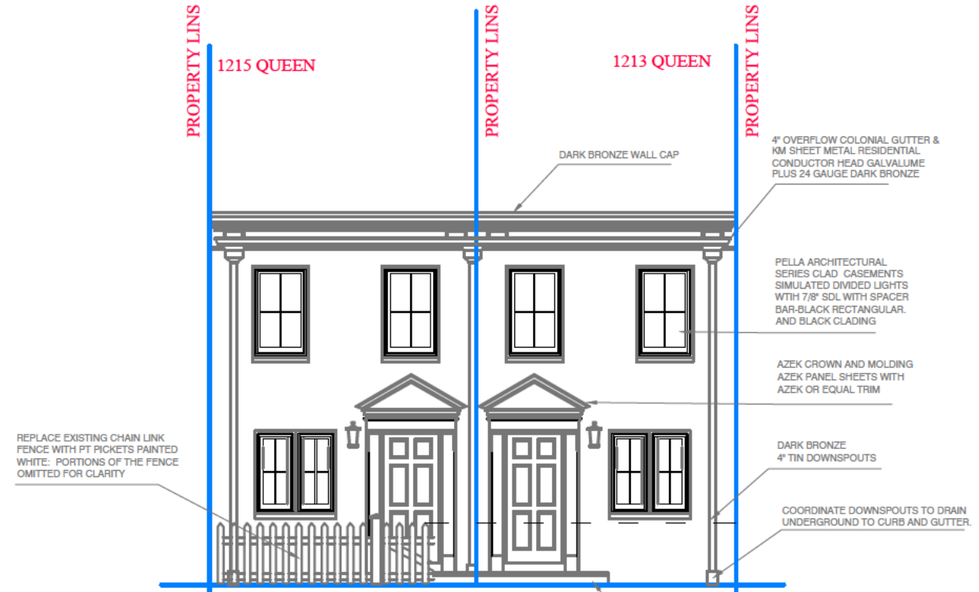
REAR VIEW FROM THE NORTH SIDE

ELEVATIONS OF THE REAR GARAGE TO BE DEMOLISHED

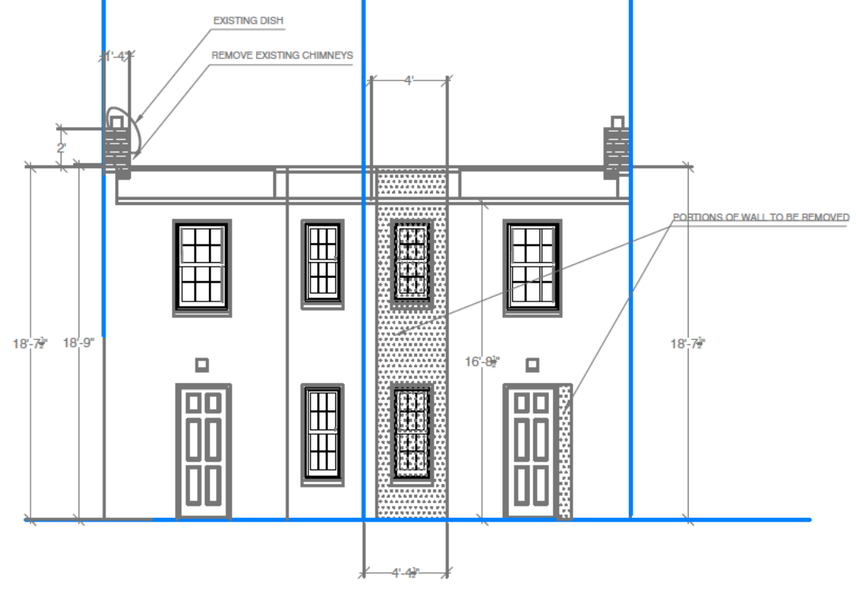
Revised 3.24.2021



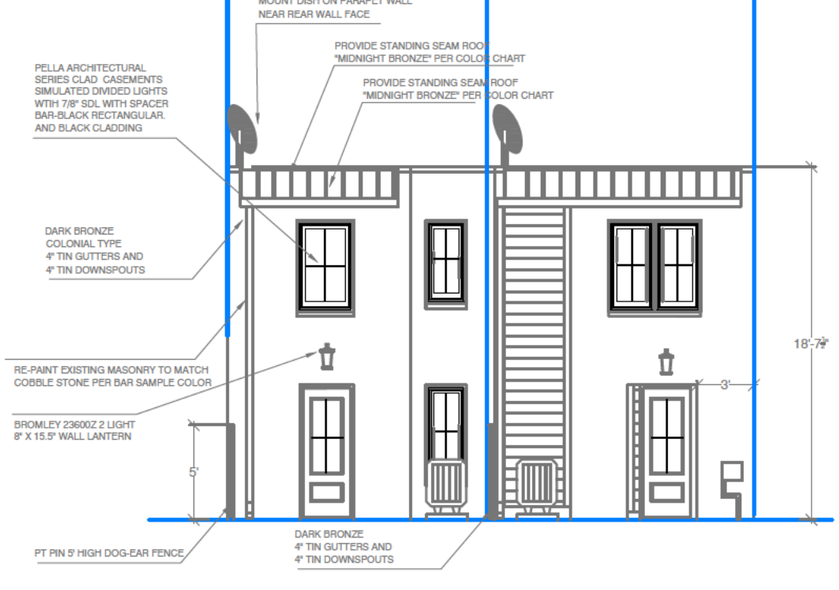
1 / A-2 EXISTING SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



2 / A-2 PROPOSED SOUTH ELEVATION
SCALE: 1/8" = 1'-0"



3 / A-2 EXISTING NORTH ELEVATION
SCALE: 1/8" = 1'-0"



4 / A-2 PROPOSED NORTH ELEVATION
SCALE: 1/8" = 1'-0"

REVIEW

BAR

GREAT SEAL LLC
PO BOX 320716
ALEXANDRIA, VA 22320
PHONE: 703 217 7995

SEAL:

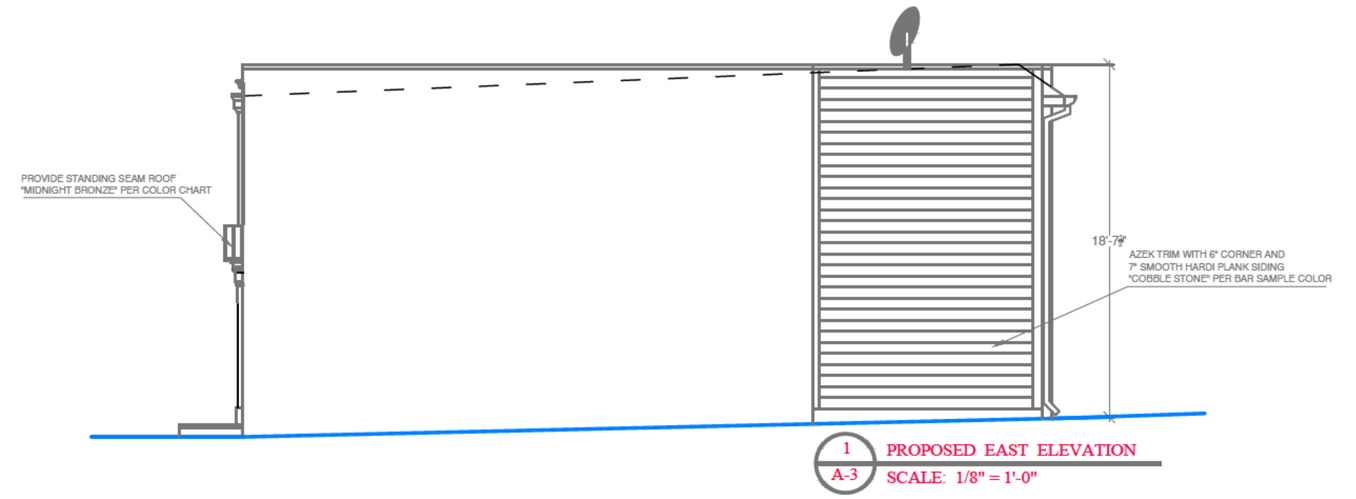
COMMONWEALTH OF VIRGINIA
LYNDL THORSEN JOSEPH
015071
ARCHITECT

SHEET TITLE
PROPOSED AND EXISTING NORTH & SOUTH ELEVATIONS

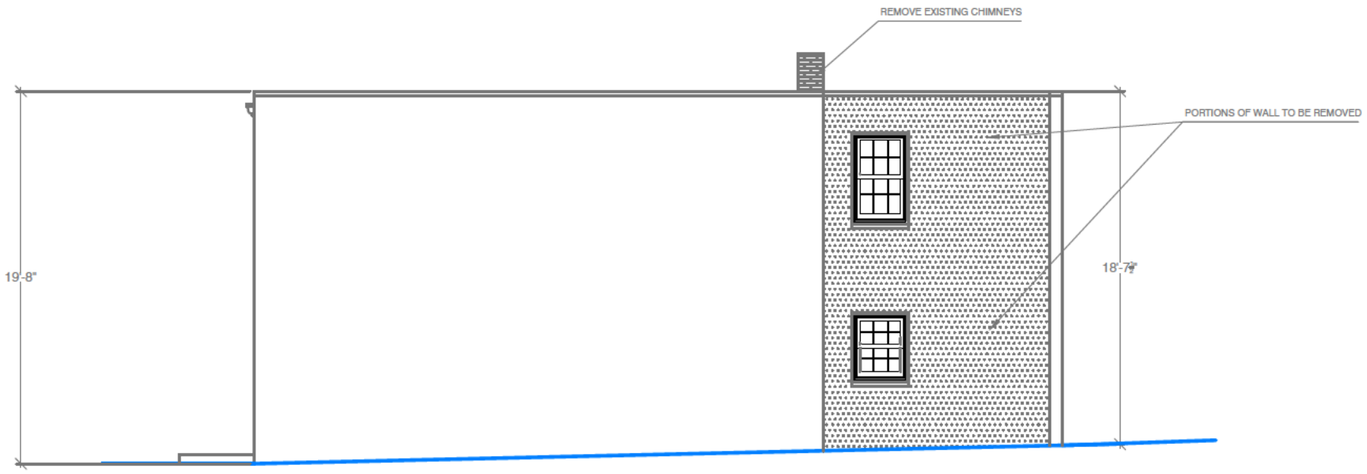
REVISED

PROJECT
THE PROPERTY OF:
MR. DONALD DEVERS
1215 QUEEN STREET
ALEXANDRIA, VIRGINIA

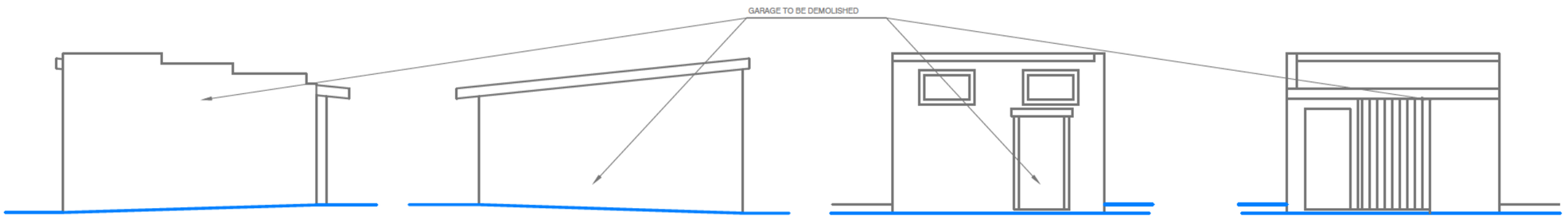
DESIGN LYNDL THORSEN JOSEPH
DATE: 03/05/21
SHEET NUMBER
A-2



1 A-3 PROPOSED EAST ELEVATION
SCALE: 1/8" = 1'-0"



2 A-3 EXISTING EAST ELEVATION
SCALE: 1/8" = 1'-0"



3 A-3 EXISTING EAST ELEVATION
SCALE: 1/8" = 1'-0"

4 A-3 EXISTING WEST ELEVATION
SCALE: 1/8" = 1'-0"

5 A-3 EXISTING SOUTH ELEVATION
SCALE: 1/8" = 1'-0"

6 A-3 EXISTING NORTH ELEVATION
SCALE: 1/8" = 1'-0"

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ARCHITECT

SHEET TITLE
PROPOSED AND EXISTING EAST ELEVATIONS

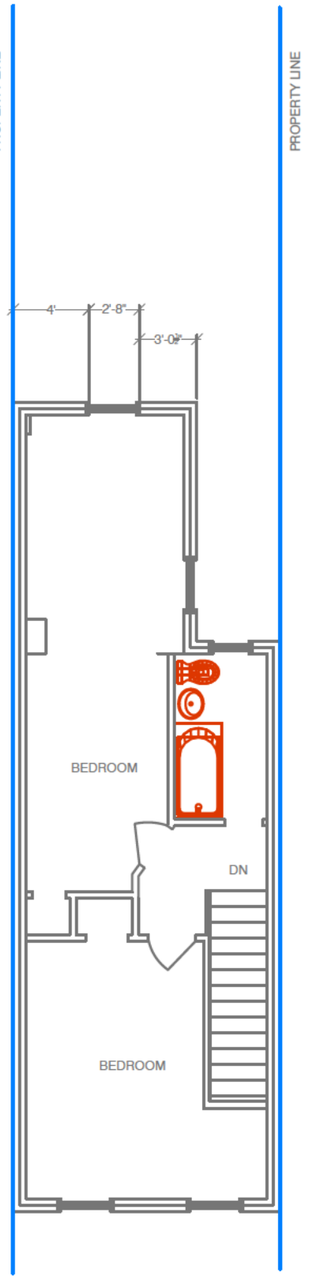
REVISED

PROJECT
THE PROPERTY OF:
MR. DONALD DEVERS
1215 QUEEN STREET
ALEXANDRIA, VIRGINIA

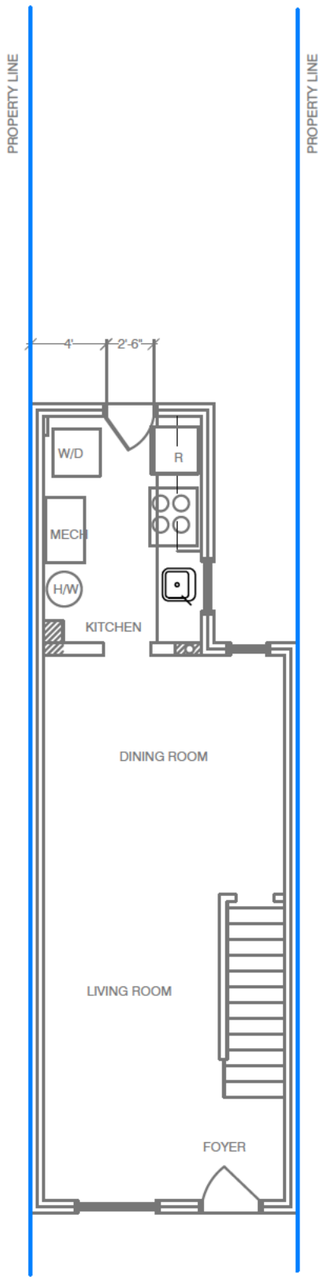
DESIGN LYNDL THORSEN JOSEPH
DATE: 03/05/21
SHEET NUMBER

A-3

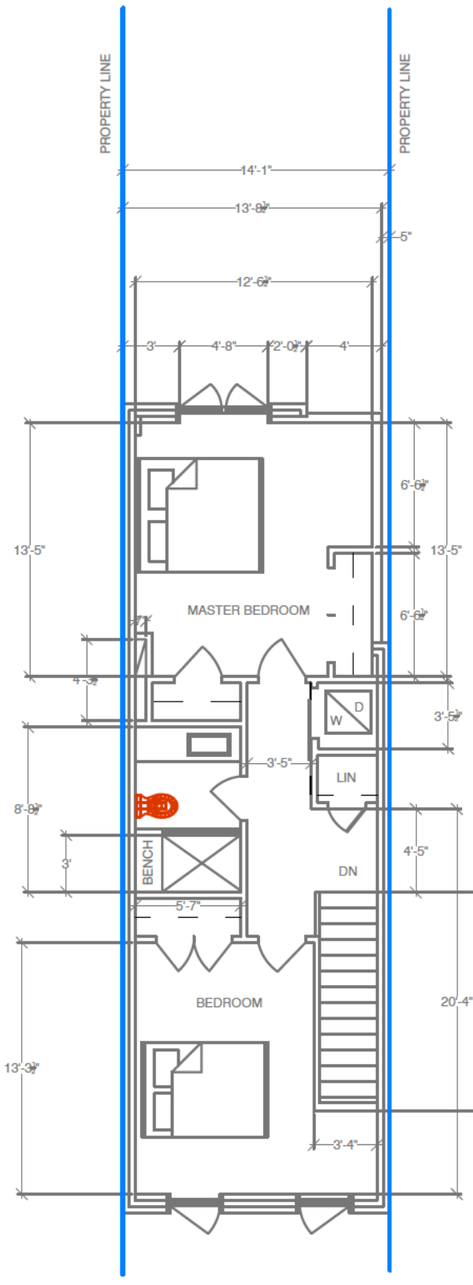
BAR REVIEW



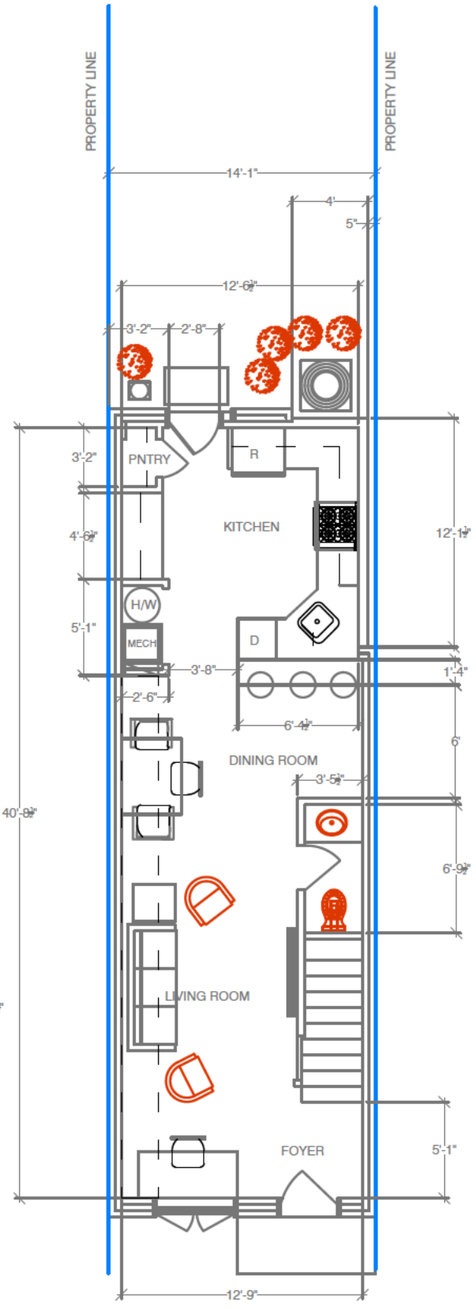
1 A-1 EXISTING 2ND FLOOR PLAN
SCALE: 1/8" = 1'-0"



2 A-1 EXISTING 1ST FLOOR PLAN
SCALE: 1/8" = 1'-0"



3 A-1 PROPOSED 2ND FLOOR PLAN
SCALE: 1/8" = 1'-0"



4 A-1 PROPOSED 1ST FLOOR PLAN
SCALE: 1/8" = 1'-0"

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015071
ARCHITECT

SHEET TITLE
PROPOSED AND EXISTING FLOOR PLANS

REVISED

PROJECT

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MR. DONALD DEVERS
1215 QUEEN STREET
ALEXANDRIA, VIRGINIA

DESIGN LYNDL THORSEN JOSEPH
DATE: 03/05/21
SHEET NUMBER

A-1

GREAT SEAL LLC

600 Cameron Street Alexandria, Virginia 22314
Telephone: 703-217-7995 Fax; 703-780-4070

www.greatseal-us.com

Architecture for the Most Important Place in the World. Yours.

PARKER GRAY: BAR APPLICATION FOR 1215 QUEEN STREET

MATERIALS LIST

WINDOWS: PELLA ARCHITECTURAL SERIES CLAD CASEMENTS: With simulated divided lights with 78" SDL with spacer bar, black rectangular with Black Cladding.

FENCING MATERIALS: Front: Pressure Treated wood pickets painted White per elevations and site plan, to replace existing chain link fence.

Rear Fencing: 5' high and 3' high Pressure Treated Pine Dog-Ear Privacy fencing per site plan.

DOOR SURROUND; To be constructed of Azek sheets, Trim, and Crown Molding per elevations.

EXTERIOR WOOD DOORS: Front Six Panel, and Rear Door: One Panel One Light.

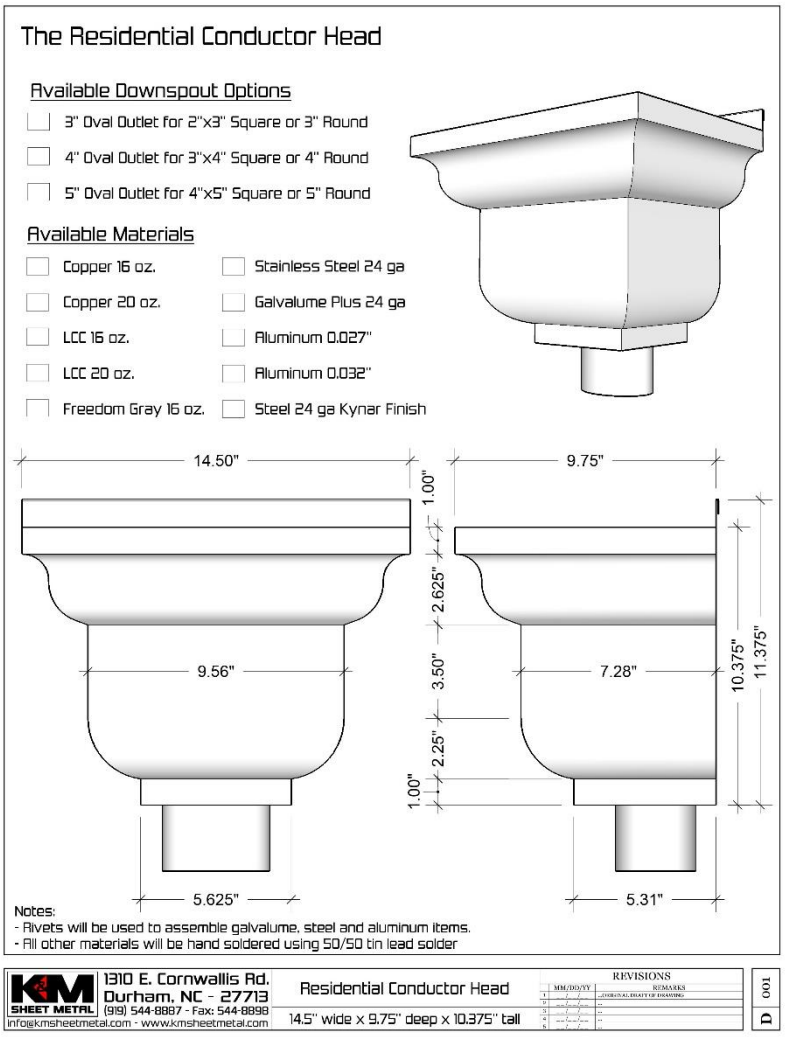
ROOFING MATERIAL: Standing Seam Roof: Color Midnight Bronze:

PAINT: Rear to be repainted. Color: Cobble Stone

LIGHTING: Front and Rear Lanterns to be: 15.5" high by 8" wide Bromley 23600Z

CONDUCTORS, GUTTERS AND DOWNSPOUTS: To be: Kynar 24 Gauge Galvanized Steel Conductor Heads with 4" gutters and Downspouts per elevations.

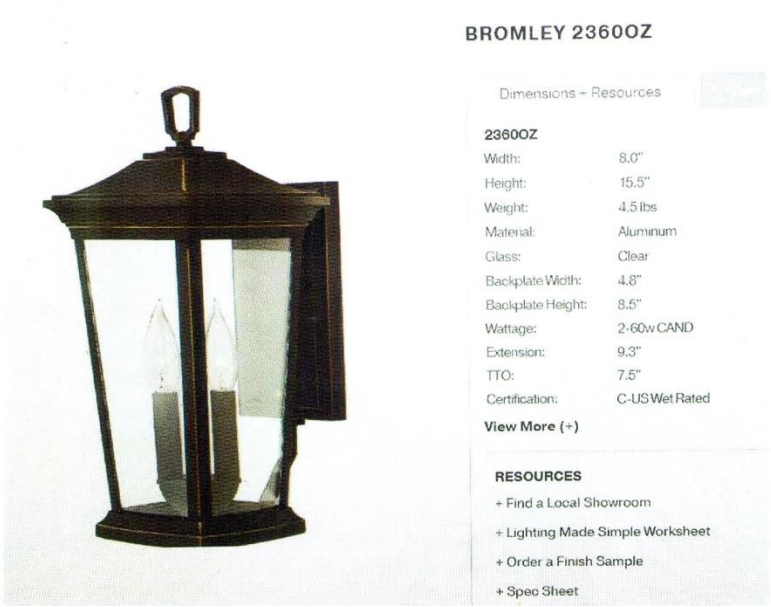
SAMPLES AND SPECIFICATIONS TO FOLLOW:



0.032″ Kynar 24 Gauge Galvanized Steel Conductor Heads and Leader Heads Color Options

Dark bronze

5’ high Max; Pressure treated pine Dog-Ear Fencing



“COBBLE STONE” Paint color at rear painted stucco

AND HARDIE PLANK SIDDING COLOR

COOL ROOF COLORS

CUSTOM-BILT METALS
Brand Products

STANDARD COLORS

Regal White
SR-71.61 E-.86 SRI-87

Parchment
SR-54.10 E-.86 SRI-63

Sierra Tan
SR-48.01 E-.87 SRI-55

Sand Beige
SR-56.20 E-.85 SRI-65

Old Towne Gray
SR-40.31 E-.85 SRI-44

Storm Gray
SR-29.68 E-.84 SRI-29

Zinc Gray
SR-33.24 E-.85 SRI- 34

Weathered Copper
SR-33.50 E-.85 SRI-34

Musket
SR-30.10 E-.85 SRI-30

Midnight Bronze
SR-28.90 E-.84 SRI-28

Redi-Mix Red
SR-40.80 E-.84 SRI-44

Colonial Red
SR-36.60 E-.86 SRI-39

Burgundy
SR-29.58 E-.86 SRI-30

Terra Cotta
SR-39.37 E-.87 SRI-43

Smokey Blue
SR-34.57 E-.84 SRI-35

Tahoe Blue
SR-29.98 E-.84 SRI-29

Regal Blue
SR-26.50 E-.84 SRI-25

Marine Green
SR-34.70 E-.85 SRI-36

Patina Green
SR-41.90 E-.85 SRI-46

Hemlock Green
SR-31.20 E-.84 SRI-31

Leafy Green
SR-29.40 E-.85 SRI-29

Forest Green
SR-27.99 E-.84 SRI-27

Moss Green
SR-29.50 E-.83 SRI-28

Black
SR-25.00 E-.85 SRI-23

PREMIUM COLORS

Antique Patina
SR-33.15 E-.84 SRI-36

Silver Ultramet
SR-41.13 E-.85 SRI-43

Copper Ultramet
SR-44.20 E-.88 SRI-50

Pre-Weathered Galvalume
SR-28.62 E-.87 SRI-27

Champagne
SR-36 E-.83 SRI-37

Premium colors are batch sensitive and directional in nature. Oil canning is not a cause for rejection. Custom colors available, subject to minimums. Contact a representative for profile, color, gauge & material availability.

NATURAL METALS

Zincalume® Plus

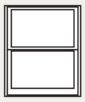
Copper

Bare and natural metal are covered by a separate performance warranty.

SR = Solar Reflectance Value **E** = Thermal Emittance Value **SRI** = Solar Reflectance Index
Colors shown are approximate, please select from painted metal samples.

Call 1.800.826.7813 www.CustomBiltMetals.com

10/2013



HUNG

GLAZING PERFORMANCE - TOTAL UNIT

Aluminum-Clad Exterior

Glazing Thickness	Type of Glazing	NFRC Certified Product #	Glass (mm) Ext.	Glass (mm) Int.	Gap Fill	Performance Values[1] U-Factor	SHGC	VLT	CR	Shaded Areas Meet ENERGY STAR® Performance Criteria in Zones Shown U.S. Zone N	NC	SC	S	Canada[2] ER	Zone 1	2	3
VENT																	
11/16"	Clear IG	PEL-N-179-01101-00001	2.5	2.5	air	0.46	0.60	0.63	44								
	with grilles-between-the-glass	PEL-N-179-01102-00001				0.46	0.54	0.56	44								
	with integral grilles	PEL-N-179-01103-00001				0.46	0.54	0.56	44								
11/16"	Advanced Low-E IG	PEL-N-179-01137-00001	2.5	2.5	argon	0.29	0.28	0.53	60								
	with grilles-between-the-glass	PEL-N-179-01138-00001				0.29	0.25	0.47	60								
	with integral grilles	PEL-N-179-01139-00001				0.30	0.25	0.47	60								
11/16"	SunDefense™ Low-E IG	PEL-N-179-01185-00001	2.5	2.5	argon	0.29	0.21	0.49	60								
	with grilles-between-the-glass	PEL-N-179-01186-00001				0.29	0.19	0.44	60								
	with integral grilles	PEL-N-179-01187-00001				0.29	0.19	0.44	60								
11/16"	AdvancedComfort Low-E IG	PEL-N-179-01161-00001	2.5	2.5	argon	0.25	0.28	0.52	49					25			
	with grilles-between-the-glass	PEL-N-179-01162-00001				0.25	0.25	0.46	49					23			
	with integral grilles	PEL-N-179-01163-00001				0.26	0.25	0.46	48					22			
11/16"	NaturalSun Low-E IG	PEL-N-179-01113-00001	2.5	2.5	argon	0.30	0.53	0.60	59					33			
	with grilles-between-the-glass	PEL-N-179-01114-00001				0.30	0.47	0.54	59					30			
	with integral grilles	PEL-N-179-01115-00001				0.30	0.47	0.54	59					30			
TINTED GLAZING																	
11/16"	Bronze Advanced Low-E IG	PEL-N-179-01209-00001	5	3	argon	0.30	0.25	0.34	58								
	with grilles-between-the-glass	PEL-N-179-01210-00001				0.31	0.23	0.30	58								
	with integral grilles	PEL-N-179-01211-00001				0.31	0.23	0.30	58								
11/16"	Gray Advanced Low-E IG	PEL-N-179-01217-00001	5	3	argon	0.30	0.23	0.29	58								
	with grilles-between-the-glass	PEL-N-179-01218-00001				0.31	0.21	0.26	58								
	with integral grilles	PEL-N-179-01219-00001				0.31	0.21	0.26	58								
11/16"	Green Advanced Low-E IG	PEL-N-179-01225-00001	5	3	argon	0.30	0.28	0.46	58								
	with grilles-between-the-glass	PEL-N-179-01226-00001				0.31	0.26	0.41	58								
	with integral grilles	PEL-N-179-01227-00001				0.31	0.26	0.41	58								
HIGH ALTITUDE GLAZING																	
11/16"	Advanced Low-E IG	PEL-N-179-01149-00001	2.5	2.5	air	0.32	0.28	0.53	56								
	with grilles-between-the-glass	PEL-N-179-01150-00001				0.32	0.26	0.47	56								
	with integral grilles	PEL-N-179-01151-00001				0.33	0.26	0.47	56								
11/16"	SunDefense Low-E IG	PEL-N-179-01197-00001	2.5	2.5	air	0.32	0.21	0.49	56								
	with grilles-between-the-glass	PEL-N-179-01198-00001				0.32	0.19	0.44	56								
	with integral grilles	PEL-N-179-01199-00001				0.33	0.19	0.44	56								
11/16"	AdvancedComfort Low-E IG	PEL-N-179-01173-00001	2.5	2.5	air	0.28	0.28	0.52	44					21			
	with grilles-between-the-glass	PEL-N-179-01174-00001				0.28	0.25	0.46	44					19			
	with integral grilles	PEL-N-179-01175-00001				0.28	0.25	0.46	44					19			
11/16"	NaturalSun Low-E IG	PEL-N-179-01125-00001	2.5	2.5	air	0.33	0.53	0.60	56					29			
	with grilles-between-the-glass	PEL-N-179-01126-00001				0.33	0.47	0.54	56					26			
	with integral grilles	PEL-N-179-01127-00001				0.34	0.47	0.54	56					25			

R-Value = 1/U-Factor
SHGC = Solar Heat Gain Coefficient
VLT % = Visible Light Transmission
CR = Condensation Resistance
ER = Canadian Energy Rating

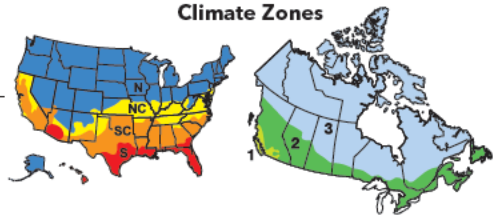
(1) Glazing performance values are calculated for Pine using NFRC 100, NFRC 200 and NFRC 500. Thermal performance of other wood species may vary. ENERGY STAR® values are updated to 2016 (Version 6) criteria.

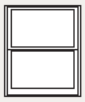
(2) The values shown are based on Canada's updated ENERGY STAR® 2015 initiative.

See the Product Performance section for more detailed information or visit www.energystar.gov for Energy Star guidelines.

Non Rectangular Unit thermal values will vary slightly.

Climate Zones





HUNG

GLAZING PERFORMANCE - TOTAL UNIT

Wood Exterior

Glazing Thickness	Type of Glazing	NFRC Certified Product #	Glass (mm)		Gap Fill	Performance Values[1]				Shaded Areas Meet ENERGY STAR® Performance Criteria in Zones Shown							
			Ext.	Int.		U-Factor	SHGC	VLT	CR	U. S. Zone				Canada[2] ER	Canada[2] Zone		
										N	NC	SC	S		1	2	3
VENT																	
11/16"	Clear IG	PEL-N-177-01101-00001	2.5	2.5	air	0.45	0.60	0.63	44								
	with grilles-between-the-glass	PEL-N-177-01102-00001				0.45	0.54	0.56	44								
	with integral grilles	PEL-N-177-01103-00001				0.46	0.54	0.56	44								
11/16"	Advanced Low-E IG	PEL-N-177-01137-00001	2.5	2.5	argon	0.28	0.28	0.54	59								
	with grilles-between-the-glass	PEL-N-177-01138-00001				0.28	0.26	0.48	59								
	with integral grilles	PEL-N-177-01139-00001				0.29	0.26	0.48	59								
11/16"	SunDefense™ Low-E IG	PEL-N-177-01185-00001	2.5	2.5	argon	0.28	0.21	0.50	60					17			
	with grilles-between-the-glass	PEL-N-177-01186-00001				0.28	0.19	0.44	60					16			
	with integral grilles	PEL-N-177-01187-00001				0.29	0.19	0.44	60								
11/16"	AdvancedComfort Low-E IG	PEL-N-177-01161-00001	2.5	2.5	argon	0.25	0.28	0.52	49					25			
	with grilles-between-the-glass	PEL-N-177-01162-00001				0.25	0.25	0.47	49					23			
	with integral grilles	PEL-N-177-01163-00001				0.25	0.25	0.47	49					23			
11/16"	NaturalSun Low-E IG	PEL-N-177-01113-00001	2.5	2.5	argon	0.29	0.53	0.61	59					34			
	with grilles-between-the-glass	PEL-N-177-01114-00001				0.29	0.48	0.54	59					31			
	with integral grilles	PEL-N-177-01115-00001				0.30	0.48	0.54	59					30			
TINTED GLAZING																	
11/16"	Bronze Advanced Low-E IG	PEL-N-177-01209-00001	5	3	argon	0.29	0.25	0.34	54								
	with grilles-between-the-glass	PEL-N-177-01210-00001				0.30	0.23	0.31	54								
	with integral grilles	PEL-N-177-01211-00001				0.30	0.23	0.31	54								
11/16"	Gray Advanced Low-E IG	PEL-N-177-01217-00001	5	3	argon	0.29	0.23	0.30	58								
	with grilles-between-the-glass	PEL-N-177-01218-00001				0.30	0.21	0.26	58								
	with integral grilles	PEL-N-177-01219-00001				0.30	0.21	0.26	58								
11/16"	Green Advanced Low-E IG	PEL-N-177-01225-00001	5	3	argon	0.29	0.28	0.47	58								
	with grilles-between-the-glass	PEL-N-177-01226-00001				0.30	0.26	0.42	58								
	with integral grilles	PEL-N-177-01227-00001				0.30	0.26	0.42	58								
HIGH ALTITUDE GLAZING																	
11/16"	Advanced Low-E IG	PEL-N-177-01149-00001	2.5	2.5	air	0.32	0.29	0.54	56								
	with grilles-between-the-glass	PEL-N-177-01150-00001				0.32	0.26	0.48	56								
	with integral grilles	PEL-N-177-01151-00001				0.32	0.26	0.48	56								
11/16"	SunDefense™ Low-E IG	PEL-N-177-01197-00001	2.5	2.5	air	0.31	0.21	0.50	56								
	with grilles-between-the-glass	PEL-N-177-01198-00001				0.31	0.19	0.44	56								
	with integral grilles	PEL-N-177-01199-00001				0.32	0.19	0.44	56								
11/16"	AdvancedComfort Low-E IG	PEL-N-177-01173-00001	2.5	2.5	air	0.27	0.28	0.52	45					22			
	with grilles-between-the-glass	PEL-N-177-01174-00001				0.27	0.25	0.47	45					20			
	with integral grilles	PEL-N-177-01175-00001				0.28	0.25	0.47	44					19			
11/16"	NaturalSun Low-E IG	PEL-N-177-01125-00001	2.5	2.5	air	0.33	0.53	0.61	55					29			
	with grilles-between-the-glass	PEL-N-177-01126-00001				0.33	0.48	0.54	55					26			
	with integral grilles	PEL-N-177-01127-00001				0.33	0.48	0.54	55					26			

R-Value = 1/U-Factor
SHGC = Solar Heat Gain Coefficient
VLT % = Visible Light Transmission
CR = Condensation Resistance
ER = Canadian Energy Rating

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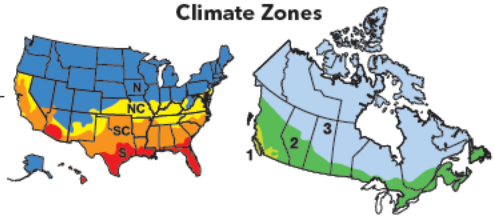
Climate Zones



HUNG

GLAZING PERFORMANCE - TOTAL UNIT

Aluminum-Clad Exterior

HurricaneShield® Impact-Resistant Glass

Glazing Thickness	Type of Glazing	NFRC Certified Product #	Glass (mm)		Gap Fill	Performance Values[1]				Shaded Areas Meet ENERGY STAR® Performance Criteria in Zones Shown							
			Ext.	Int.		U-Factor	SHGC	VLT	CR	U.S. Zone				Canada[2] ER	Canada[2] Zone		
										N	NC	SC	S		1	2	3
HURRICANESHIELD® LAMINATED IMPACT-RESISTANT																	
13/16"	Clear IG	PEL-N-226-01193-00001	3	8	air	0.43	0.51	0.55	44								
	with grilles-between-the-glass	PEL-N-226-01194-00001				0.44	0.45	0.45	44								
	with integral grilles	PEL-N-226-01195-00001				0.43	0.45	0.45	44								
13/16"	Advanced Low-E IG	PEL-N-226-00997-00001	3	8	argon	0.28	0.25	0.47	59					19			
	with grilles-between-the-glass	PEL-N-226-00998-00001				0.29	0.23	0.42	58								
	with integral grilles	PEL-N-226-00999-00001				0.29	0.23	0.42	58								
13/16"	SunDefense™ Low-E IG	PEL-N-226-01069-00001	3	8	argon	0.28	0.19	0.43	59					16			
	with grilles-between-the-glass	PEL-N-226-01070-00001				0.28	0.17	0.38	59								
	with integral grilles	PEL-N-226-01071-00001				0.28	0.17	0.38	59								
TINTED GLAZING																	
13/16"	Bronze Advanced Low-E IG	PEL-N-226-01157-00001	5	8	argon	0.30	0.23	0.19	56								
	with grilles-between-the-glass	PEL-N-226-01158-00001				0.32	0.21	0.16	56								
	with integral grilles	PEL-N-226-01159-00001				0.32	0.21	0.16	56								
13/16"	Gray Advanced Low-E IG	PEL-N-226-01181-00001	5	8	argon	0.30	0.24	0.24	56								
	with grilles-between-the-glass	PEL-N-226-01182-00001				0.32	0.21	0.21	56								
	with integral grilles	PEL-N-226-01183-00001				0.32	0.21	0.21	56								
13/16"	Green Advanced Low-E IG	PEL-N-226-01189-00001	5	8	argon	0.30	0.25	0.38	56								
	with grilles-between-the-glass	PEL-N-226-01190-00001				0.32	0.22	0.34	56								
	with integral grilles	PEL-N-226-01191-00001				0.32	0.22	0.34	56								

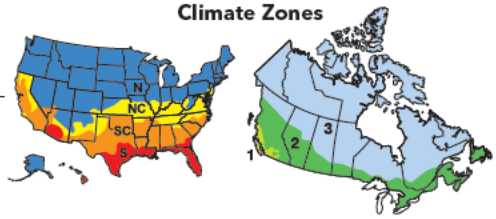
R-Value = 1/U-Factor
SHGC = Solar Heat Gain Coefficient
VLT % = Visible Light Transmission
CR = Condensation Resistance
ER = Canadian Energy Rating

(1) Glazing performance values are calculated for Pine using NFRC 100, NFRC 200 and NFRC 500. Thermal performance of other wood species may vary. ENERGY STAR® values are updated to 2016 (Version 6) criteria.

(2) The values shown are based on Canada's updated ENERGY STAR® 2015 initiative.

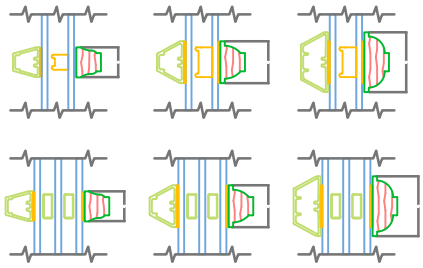
See the Product Performance section for more detailed information or visit www.energystar.gov for Energy Star guidelines.

Climate Zones

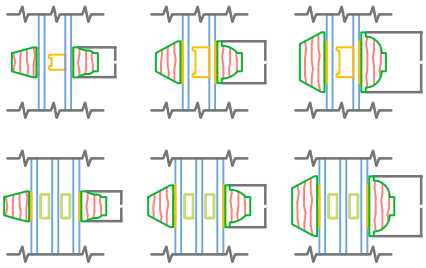


Architect Series® Traditional™
Architect Series® Reserve

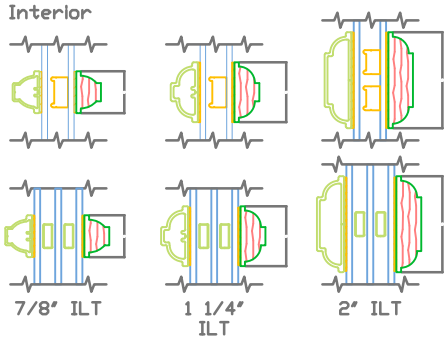
Integral Light Technology
Putty Glaze and Ogee ® Grilles
Clad Exterior - Wood Interior



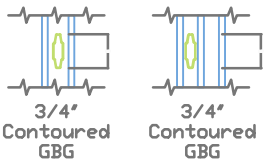
Putty Glaze and Ogee Grilles
Wood Exterior - Wood Interior



Ogee Grilles
Clad Exterior - Wood Interior



Contoured Aluminum - Grilles-Between-the-Glass



SAFETY DATA SHEET

Section 1. Identification	
Product Identifier:	**Exterior Fiber-Cement (Medium Density)** – Includes all Generation 6 HZ5 and HZ10 products with the following product names: HardiePlank® lap siding, HardiePanel® vertical siding, HardieSoffit® panel, HardieSoffit®, Beaded Porch Panel, HardieShingle® siding, HardieShingle® notched panels, HardieShingle® individual shingles, Hardie® Reveal ™ Panel, 7/16" HardieTrim® boards
Manufacturer Name, Address and Phone Number:	James Hardie Building Products 231 S. LaSalle Street, Suite 2000 Chicago, IL 60604 1-800-942-7343 (1-800-9HARDIE)
Emergency Phone Number:	1-800-942-7343 (1-800-9HARDIE)
Recommended Use:	Exterior Fiber-Cement (Medium Density) is used as an external wall cladding
Restrictions on Use:	None known
Section 2. Hazards Identification	
GHS Classification:	Carcinogenity, Category 1A Target Organ Systemic Toxicity Repeated Exposure, Category 1
GHS Label Element(s): Symbol	
Signal Word	DANGER
Hazard Statement(s)	May cause cancer if dust from product is inhaled Causes damage to lungs and respiratory system through prolonged or repeated inhalation of dust from product
Precautionary Statement(s)	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust from product. Wash hands and face thoroughly after handling. Use personal protective equipment as required. If exposed or concerned: Get medical advice. If shortness of breath or other health concerns develop after exposure to dust from the product, seek medical attention. Dispose of product in accordance with local, state and national regulations. If there are no applicable regulations, dispose of in a secure landfill, or in a way that will not expose others to dust.

Section 3. Composition / Information on Ingredients		
CAS#	Chemical Ingredient	%
14808-60-7	Crystalline Silica (Quartz)	30-45%
65997-15-1	Calcium Silicate (Hydrate)	35-65%

471-34-1	Calcium Carbonate	<30%
N/A	Calcium Aluminum Silicate (Hydrate)	<20%
9004-34-6	Cellulose	<15%
1333-86-4	Carbon Black	<1%
Section 4. First Aid Measures		
Inhalation	Acute effects – Dust may cause irritation of the nose, throat and airways, resulting in coughing and sneezing. Certain susceptible individuals may experience wheezing (spasms of the bronchial airways) upon inhaling dust during cutting, rebating, drilling, routing, sawing, crushing or otherwise abrading fiber cement, and when cleaning up, disposing of or moving the dust.	
	Chronic effects – Repeated or prolonged over exposures to crystalline silica can cause silicosis (scarring of the lung) and increases the risk of bronchitis, tuberculosis, lung cancer, renal disease, and scleroderma (a disease affecting the connective tissue of the skin, joints, blood vessels, and internal organs.) Some studies suggest that cigarette smoking increases the risk of silicosis, bronchitis and lung cancer in persons also exposed to crystalline silica.	
	Acute silicosis – A sub-chronic disease associated with acute, massive silica exposure, is a rapidly progressive, incurable lung disease that is typically fatal. Symptoms include, but are not limited to, shortness of breath, cough, fever, weight loss and chest pain. Such exposure may cause pneumoconiosis and pulmonary fibrosis.	
	Required treatment – If inhalation of dust occurs, remove to fresh air. If shortness of breath or wheezing develops, seek medical attention.	
Skin	Dust may cause irritation of the skin from friction but cannot be absorbed through intact skin. If skin contact occurs, wash with mild soap and water. Contact physician if irritation persists or later develops.	
Eyes	Dust may irritate the eyes from mechanical abrasion causing watering or redness. If eye contact occurs, remove contact lenses (if applicable). Flush with running water or saline for at least 15 minutes. Seek medical attention if redness persists or if visual changes occur.	
Ingestion	Ingestion is unlikely under normal conditions of use, but swallowing the dust from the product may result in irritation or damage to the mouth and gastrointestinal tract due to alkalinity of dust. If ingestion occurs, dilute by drinking large amounts of water. Do	

	not induce vomiting. Seek medical attention. If unconscious, loosen tight clothing and lay the person on his/her left side. Give nothing by mouth to an individual who is not alert and conscious.
Section 5. Fire-Fighting Measures	
James Hardie® fiber-cement products are neither flammable nor explosive	
Suitable extinguishing techniques:	Appropriate extinguishing techniques for surrounding fire should be used.
Fire-fighting equipment:	Fire fighting personnel should wear normal protective equipment and positive self-contained breathing apparatus.
Special hazards arising from the substance or mixture:	James Hardie ® fiber-cement products are neither flammable nor explosive. Hazardous reactions will not occur under normal conditions. Fight fire with normal precautions from a reasonable distance.
Section 6. Accidental Release Measures	
Emergency procedures:	No special precautions are necessary in the event of an accidental release. The following precautions apply to spills or releases of dust generated during cutting, rebating, drilling, routing, sawing, crushing or otherwise abrading fiber cement.
Protective equipment:	Good housekeeping practices are necessary for cleaning up areas where spills or leaks have occurred. Take measures to either eliminate or minimize the creation of dust. Respirable dust and silica levels should be monitored regularly. Wherever possible, practices likely to generate dust should be controlled with engineering such as local exhaust ventilation, dust suppression through containment (e.g. wetting loose dust), enclosure, or covers. Use respiratory protection as described in Section 8.
Proper methods of containment and clean-up:	A fine water spray should be used to suppress dust when sweeping (dry sweeping should not be attempted). Vacuuming with an industrial vacuum cleaner outfitted with a high-efficiency particulate (HEPA) filter is preferred to sweeping. Dispose of product in accordance with local, state and national regulations. If there are no applicable regulations, dispose of in a secure landfill, or in a way that will not expose others to dust.
Section 7. Handling and Storage	
Precautions of safe handling and storage:	Fiber-cement boards in their intact state do not present a health hazard. The controls below apply to dust generated from the boards by cutting, rebating, drilling, routing, sawing, crushing or otherwise abrading fiber cement, and when cleaning up, disposing of or moving the dust.

	James Hardie® recommended best practices for handling fiber-cement: Keep exposure to dust as low as reasonably possible. Respirable crystalline silica limits are specified by OSHA and MSHA and identified in Section 8 of this MSDS. Exposure to respirable (fine) silica dust depends on a variety of factors, including activity rate (e.g. cutting rate), method of handling (e.g. electric shears), environmental conditions (e.g. weather conditions, workstation orientation) and control measures used. Wherever possible, practices likely to generate dust should be carried out in well ventilated areas (e.g. outside). The work practices and engineering controls set out in Section 8 should be followed to reduce silica exposures. Keep away from reactive products. Do not store near food, beverages or smoking materials. Avoid spilling and creating dust. Maintain appropriate dust controls during handling. Use appropriate respiratory protection during handling as described in Section 8.
Incompatibilities:	Hydrofluoric acid will dissolve silica and can generate silicon tetrafluoride, a corrosive gas. Contact with strong oxidizing agents such as fluorine, boron trifluoride, chlorine trifluoride, manganese trifluoride or oxygen difluoride may cause fires and /or explosions. Furthermore, limestone is incompatible with acids and ammonium salts.

Section 8. Exposure Controls / Personal Protection

OSHA Permissible Exposure Standards (PEL): Exposures shall not exceed an 8-hour time weighted average (TWA) limit as stated in 29 CFR 1910.1000 Table Z-3 for mineral dusts, expressed in million particles per cubic feet (Mppcf) and/or milligrams per cubic meter (mg/m3). The American Conference of Governmental Industrial Hygienists Threshold Limit Values (TLV are that organization's recommended exposure limits based on an 8-hour TWA.

	TLV mg/m^3	PEL Mppsf	PEL mg/m^3
Crystalline Silica (Quartz) (Respirable)	0.025 mg/m^3 —	250 %SiO + 5	10 mg/m^3 %SiO + 2
Quartz (Total Dust)	—	—	30 mg/m^3 %SiO + 2
Calcium Carbonate (Total Dust) (Respirable)	10 mg/m^3 —	— —	15 mg/m^3 5 mg/m^3
Calcium Silicate (Total Dust) (Respirable)	— —	— —	15 mg/m^3 5 mg/m^3
Nuisance Dust (Not Otherwise Specified) (Total Dust) (Respirable)	10 mg/m^3(inhalable) 3 mg/m^3	50 15	15 mg/m^3 5 mg/m^3
Cellulose (Total) (Respirable)	— —	— —	15 mg/m^3 5 mg/m^3
Carbon Black	3.5 mg/m^3	—	3.5 mg/m^3

<table>
<tr><td colspan="2"><u>Other limits recommended</u>: The National Institute of Occupational Safety and Health (NIOSH) also has a Recommended Exposure Limit (REL) of 0.05 mg/m^3 for respirable crystalline silica, based on a 10-hour time-weighted average.</td></tr>
<tr><td colspan="2">Engineering Controls</td></tr>
<tr><td colspan="2">Personal protection when handling products that may generate silica dust: (1) follow James Hardie ® instructions and best practices to reduce or limit the release of dust; (2) warn others in the area to avoid the dust; (3) when using mechanical saw or high-speed cutting tools, work outdoors and use dust collection equipment, and (4) if no other dust controls are available, wear a NIOSH-approved dust mask or respirator (e.g. N95 dust mask).

During clean-up, use a well-maintained vacuum and filter appropriate for capturing fine (respirable) dust or use wet cleanup methods—never dry sweep.</td></tr>
<tr><td>Cutting Outdoors</td><td>1. Position cutting station so that wind will blow dust away from user or others in working area and allow for ample dust dissipation
2. Use one of the following methods based on the required cutting rate and job-site conditions:
BEST
• Score and snap using carbide-tipped scoring knife or utility knife
• Fiber-cement shears (electric or pneumatic)
BETTER
• Dust reducing circular saw equipped with Hardieblade ™ saw blade and HEPA vacuum extraction
GOOD (for low to moderate cutting only)
• Dust reducing circular saw with Hardieblade ™ saw blade</td></tr>
<tr><td>Cutting Indoors</td><td>• Cut only using score and snap method or with fiber-cement shears (manual, electric or pneumatic)
• Position cutting station in well-ventilated area to allow for dust dissipation</td></tr>
<tr><td>Sanding / Rebating / Drilling / Other Machining</td><td>If sanding, rebating, drilling or other machining is necessary, you should always wear a NIOSH-approved dust mask or respirator (e.g. N-95) and warn others in the immediate area.</td></tr>
<tr><td>Clean-Up</td><td>During clean-up of dust and debris, NEVER dry sweep as it may excite silica dust particles into the user's breathing area. Instead, wet debris down with a fine mist to suppress dust during sweeping, or use a HEPA vacuum to collect particles.</td></tr>
<tr><td>Important Notes</td><td>1. For maximum protection (lowest respirable dust production), James Hardie ® recommends always using "Best"-level cutting methods where feasible
2. NEVER use a power saw indoors</td></tr>
</table>

	3. NEVER use a circular saw blade that does not carry the Hardieblade ™ saw blade trademark 4. NEVER dry sweep – use wet suppression methods or HEPA vacuum 5. NEVER use a grinder or continuous rim diamond blade for cutting 6. ALWAYS follow tool manufacturer's safety recommendations

Personal Protective Equipment

- **Respiratory** – If respirators are selected, use and maintain in accordance with ANSI Standard (Z88.2) for particulate respirators. Select respirators based on the level of exposure to crystalline silica as measured by dust sampling. Use respirators that offer protection to the highest concentrations of crystalline silica if the actual concentrations are unknown. Put in place a respiratory protection and monitoring program that complies with MSHA or OSHA (e.g. 29CFR1910.134) standards, which include provisions for a user training program, respirator repair and cleaning, respirator fit-testing and other requirements. Comply with all other applicable federal and state laws.
- **Eye** – When cutting material, dust resistant safety goggles / glasses should be worn and used in compliance with ANSI Standard Z87.1 and applicable OSHA (e.g. 29CFR1910.133) standards.
- **Skin** – Loose comfortable clothing should be worn. Direct skin contact with dust and debris should be avoided by wearing long sleeved shirts and long trousers, a cap or hat, and gloves. Work clothes should be washed regularly.

Section 9. Physical and Chemical Properties

Appearance and odor: Solid gray boards with varying dimensions according to product. Some product may have a surface coat of water-based acrylic paint or acrylic sealer

Vapor Pressure: Not relevant	Flash Point: Not relevant
Specific Gravity: Not relevant	Autoignition Temperature: Not relevant
Flammability Limits: Not relevant	Volatility: Not relevant
Boiling Point: Not relevant	Solubility in water: Not relevant
Melting Point: Not relevant	Evaporation rate: Not applicable

Section 10. Stability and Reactivity

Stability:	Crystalline silica and limestone are stable under ordinary conditions
Conditions to Avoid:	Excessive dust generation during storage and handling
Materials to Avoid:	Hydrofluoric acid will dissolve silica and can generate silicon tetrafluoride, a corrosive gas. Contact with strong oxidizing agents such as fluorine, boron trifluoride, chlorine trifluoride, manganese trifluoride or oxygen difluoride may cause fires and /or explosions. Furthermore, limestone is incompatible with acids and ammonium salts.

Section 11. Toxicological Information

Routes of exposure:	Fiber-cement is not toxic in its intact form. The following applies to dust that may be generated during cutting, rebating, drilling, routing, sawing, crushing or otherwise abrading fiber cement.

Related symptoms:	Repeated and prolonged overexposures to dust containing crystalline silica can cause silicosis (scarring of the lung) and increases the risk of bronchitis, tuberculosis, lung cancer, renal disease and scleroderma (a disease affecting the connective tissue of the skin, joints, blood vessels and internal organs). Some studies suggest that cigarette smoking increases the risk of silicosis, bronchitis, and lung cancer in persons also exposed to crystalline silica. Acute silicosis is a rapidly progressive, incurable lung disease that is typically fatal. Symptoms include, but are not limited to: shortness of breath, cough, fever, weight loss and chest pain. Such exposure may cause pneumoconiosis and pulmonary fibrosis. The following relates to health effects of cellulose: Based on limited animal research, it is possible that repeated chronic inhalation exposure to cellulose fiber dust over time may lead to inflammation and scarring of the lung in humans. Precautions taken for crystalline silica dust will protect against cellulose. Medical conditions generally aggravated by exposure – Pulmonary function may be reduced by inhalation of respirable crystalline silica and / or cellulose. If lung scarring occurs, such scarring could aggravate other lung conditions such as asthma, emphysema, pneumonia or restrictive lung diseases. Lung scarring from crystalline silica may also increase risks to pulmonary tuberculosis. Smoking – some studies suggest that cigarette smoking increases the risk of occupational respiratory diseases, including silica-related respiratory diseases.
Acute and chronic effects:	• Acute toxicity – not classified • Skin corrosion / irritation – not classified • Serious eye damage / irritation – not classified • Respiratory or skin sensitization – not classified • Germ cell mutagenicity – not classified • Carcinogenity – may cause cancer if dust from product is inhaled • Specific target organ toxicity (repeated exposure) – causes damage to lungs and respiratory system through prolonged or repeated inhalation of dust from product
Carcinogenity:	California Proposition 65 Warning: This product contains chemicals known to the State of California to cause cancer International Agency for Research on Cancer (IARC): Crystalline silica inhaled in the forms of quartz or cristobalite from occupational sources is carcinogenic to humans Carbon black is possibly carcinogenic to humans

	The National Toxicology Program (NTP): NTP has concluded that respirable crystalline silica is a known human carcinogen LD50 (Silicon dioxide): Rat oral >22,500 mg / kg Mouse oral > 10,500 mg/kg
Section 12. Ecological Information	
There is a very limited amount of ecological data available on the effects of releases that may occur from this product being released into the environment. Clean up of the spilled product would not be expected to leave any hazardous material that could cause a significant adverse impact. There is a limited amount of ecological data available on crystalline silica, primarily because it is a naturally occurring mineral. An adequate representation of these data is beyond the scope of this document.	
Section 13. Disposal Considerations	
Dispose of material as inert, non-metallic mineral in conformance with local, state and federal regulations. Crystalline silica and limestone is not a RCRA hazardous waste.	
Section 14. Transport Information	
There are no special requirements for storage and transport	
UN No:	None allocated
Dangerous goods class:	None allocated
Hazchem code:	None allocated
Poisons schedule:	None allocated
Packing group:	Not applicable
Label:	Not a DOT hazardous material. Local regulations may apply
Section 15. Regulatory Information	
DOT hazard classification:	None
Placard requirement:	Not a DOT hazardous material. Local placarding regulations may apply
California Proposition 65:	**Warning: Airborne particles of respirable size of crystalline silica are known to the State of California to cause cancer.**
CERCLA hazardous substance (40CFR Part 302):	**Listed substance: No** **Unlisted substance: No** **Reportable quantity (RQ): None** **Characteristic(s): Not applicable** **RCRA waste number: Not applicable**
SARA. Title III. Sections 302 / 303 (40CFR part 355 – Emergency Planning and Notification):	**Extremely hazardous substance: No**
SARA. Title III. Section 311 / 312 (40CFR part 370 – Hazardous Chemical Reporting: Community Right-To-Know):	**Acute: Yes** **Chronic: Yes** **Fire: No** **Pressure: No** **Reactivity: No**

SARA. Title III. Section 313 (40CFR part 372 – Toxic Chemical Release Reporting: Community Right-To-Know	**Not a RCRA hazardous waste**
TSCA Inventory List:	**Yes**
TSCA 8(d):	**No**
Section 16. Other Information	
Prepared by Jeff Fry	**Issue Date: 06/01/15**

Read label before use

FIBER CEMENT

Contains:
Crystalline Silica (quartz) 10-30%
Calcium Silicate (hydrate) 10-60%
Cellulose fiber<10%]

DANGER

May cause cancer if dust from product is inhaled.
Causes damage to lungs and respiratory system through prolonged or repeated inhalation of dust from product.

Prevention	Response:	Storage:	Disposal:
Refer to the product Safety Data Sheet before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust from the product. Do not eat, drink or smoke when using this product. Wear personal protective equipment, as specified below.	Wash hands and face thoroughly after handling. If exposed or concerned: Get medical advice. If shortness of breath or other health concerns develop after exposure to dust from the product, seek medical attention.	Fiber cement is not a health hazard when handled or stored in its original, unaltered condition	Dispose of product in accordance with local, state and national regulations. If there are no applicable regulations, dispose of in a secure landfill, or in a way that will not expose others to dust.

The hazard associated with fiber cement arises from the crystalline silica present in dust generated by activities such as cutting, rebating, drilling, routing, sawing, crushing, or otherwise abrading fiber cement, and when cleaning up, disposing of or moving dust. When doing any of these activities in a manner that generates dust: (1) follow James Hardie instructions and best practices to reduce or limit the release of dust; (2) warn others in the area to avoid dust; (3) work outdoors and use vacuum dust collection when using mechanical saws or other high speed cutting tools; (3) work outdoors and use appropriate vacuum dust collection when using mechanical saws or other high speed cutting tools and (4) wear a dust mask or respirator that meets applicable national regulations, as specified below.

During clean-up, use a well maintained vacuum and filter appropriate for capturing respirable fine dust or use wet cleanup methods - never dry sweep.

If using a dust mask or respirator, always use a NIOSH-approved dust mask or respirator (e.g., the N 95 dust mask).

WARNING: This product contains a chemical known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov/product

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www.jhsafesite.com

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The information contained on this MSDS was produced without independent scientific or medical studies analyzing the effects of silica upon human health. The information contained herein is based upon scientific and other data James Hardie Building Products believes is valid and reliable and provides the basis for this MSDS. The information contained herein relates only to specific materials listed in the document. It does not address the effects of silica when used in combination with other materials or substances, or when used in other processes. Because conditions of use are beyond James Hardie Building Products control, the company makes no representation, guarantee or warranty of any kind in this MSDS, either express or implied, including the implied warranties of merchantability or fitness of the product for use for a particular purpose, and assumes no liability related to the information contained above.

James Hardie Building Products requires, as a condition of use of its products, that purchasers comply with all applicable federal, state, and local health and safety laws, regulations, orders, requirements, and strictly adhere to all instructions and warnings which accompany the product.

AZEK® Trim

Traditional and Frontier

Beautiful and long-lasting, AZEK Trim is a more workable and durable replacement to traditional wood in non-stress and non-load-bearing applications. It is easily milled, routed, and heat formed for exquisite custom looks or curved applications. AZEK Trim does not require paint for protection, but is easily painted for aesthetics.

8/4 X THICKNESS New! Traditional only		
NOMINAL	ACTUAL	LENGTHS
8/4 x 4	1 ½" x 3 ½"	18'
8/4 x 6	1 ½" x 5 ½"	18'
8/4 x 8	1 ½" x 7 ¼"	18'
8/4 x 10	1 ½" x 9 ¼"	18'
8/4 x 12	1 ½" x 11 ¼"	18'

6/4 X THICKNESS Frontier only		
NOMINAL	ACTUAL	LENGTHS
6/4 x 4	1 ¼" x 3 ½"	20'
6/4 x 6	1 ¼" x 5 ½"	20'
6/4 x 8	1 ¼" x 7 ¼"	20'
6/4 x 10	1 ¼" x 9 ¼"	20'
6/4 x 12	1 ¼" x 11 ¼"	20'

5/4 X THICKNESS		
NOMINAL	ACTUAL	LENGTHS
5/4 x 4	1" x 3 ½"	12', 18', and 20'
5/4 x 5	1" x 4 ½"	12', 18', and 20'
5/4 x 6	1" x 5 ½"	12', 18', and 20'
5/4 x 8	1" x 7 ¼"	12', 18', and 20'
5/4 x 10	1" x 9 ¼"	12', 18', and 20'
5/4 x 12	1" x 11 ¼"	12', 18', and 20'
5/4 x 16	1" x 15 ¼"	12', 18', and 20'

4/4 X THICKNESS		
NOMINAL	ACTUAL	LENGTHS
1 x 2	¾" x 1 ½"	18'
1 x 4	¾" x 3 ½"	12' and 18'
1 x 5	¾" x 4 ½"	12' and 18'
1 x 6	¾" x 5 ½"	12' and 18'
1 x 8	¾" x 7 ¼"	12' and 18'
1 x 10	¾" x 9 ¼"	12' and 18'
1 x 12	¾" x 11 ¼"	12' and 18'
1 x 16	¾" x 15 ¼"	12' and 18'

5/8 X THICKNESS	
ACTUAL	LENGTHS
5/8" x 3 ½"	12' and 18'
5/8" x 5 ½"	12' and 18'
5/8" x 7 ¼"	12' and 18'
5/8" x 9 ¼"	12' and 18'
5/8" x 11 ¼"	12' and 18'
5/8" x 15 ¼"	12' and 18'

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product Identifier

Product form: Article

Product name: AZEK TRIMBOARDS

1.2. Intended Use Of The Product

Use of the substance/mixture: Trim/Molding on the Exterior/Interior of buildings

1.3. Name, Address, And Telephone Of The Responsible Party

Company
CPG International
888 North Keyser Ave
Scranton, PA, 18504
570-558-8000
www.AZEK.com

Manufacturer
AZEK Building Products
888 North Keyser Ave
Scranton, PA, 18504
570-558-8000

1.4. Emergency telephone number

570-558-8000

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification

Not Classified. Within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200]: this mixture is not considered a hazard when used in a manner which is consistent with the labeled directions. This mixture is considered an article in its final form.

2.2. Label elements

No additional information available

2.3. Other Hazards

Other Hazards Not Contributing to the Classification: Cutting, sawing, grinding, or other operations that generate dust may raise nuisance particles that can cause mechanical irritation to the skin, eyes, or respiratory tract. Polyvinyl chloride dust accumulation can present a dust explosion hazard. Take necessary measures to limit dust production, and follow applicable regulations.

2.4. Unknown acute toxicity (GHS US)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixture

Within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200]: this mixture is not considered a hazard when used in a manner which is consistent with the labeled directions.

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general: If injury occurs or if you feel unwell seek medical advice.

First-aid measures after inhalation: Not expected to present a significant inhalation hazard under anticipated conditions of normal use. Obtain medical attention if breathing difficulty persists.

First-aid measures after skin contact: None expected under normal conditions of use. Obtain medical attention if irritation develops or persists.

First-aid measures after eye contact: Adverse effects not expected from this product. Obtain medical attention if pain, blinking or redness persist.

First-aid measures after ingestion: Not expected to be a primary route of exposure. Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries: Not expected to present a significant hazard under anticipated conditions of normal use. Prolonged contact with large amounts of dust may cause mechanical irritation. Final product may have sharp edges.

Symptoms/injuries after inhalation: Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
Symptoms/injuries after skin contact: Not expected to be a primary route of exposure. Risk of thermal burns on contact with molten product.
Symptoms/injuries after eye contact: Not expected to be a primary route of exposure. Excessive dust production at the time of cutting may cause minor eye irritation.
Symptoms/injuries after ingestion: Ingestion is not considered a potential route of exposure.

4.3. Indication of any immediate medical attention and special treatment needed

If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special hazards arising from the substance or mixture

Fire hazard: Not considered flammable but may burn at high temperatures.
Explosion hazard: Product is not explosive.
Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for firefighters

Precautionary measures fire: Exercise caution when fighting any chemical fire.
Firefighting instructions: Use water spray or fog for cooling exposed containers.
Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.
Other information: Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures: Avoid breathing (dust, vapors, fumes from molten material). Final product may have sharp edges.

6.1.1. For non-emergency personnel

Protective equipment: Use appropriate personal protection equipment (PPE).
Emergency procedures: Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment: Equip cleanup crew with proper protection.
Emergency procedures: Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

For containment: Avoid generation of dust during clean-up of spills. Sweep or vacuum the product to recover it.
Methods for cleaning up: Clear up spills immediately and dispose of waste safely.

6.4. Reference to other sections

See heading 8, exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed: Avoid dust production. Final product may have sharp edges. Risk of thermal burns on contact with molten product. Cutting, sawing, grinding, or other operations that generate dust may raise nuisance particles that can cause mechanical irritation to the skin, eyes, or respiratory tract. Polyvinyl chloride dust accumulation can present a dust explosion hazard. Take necessary measures to limit dust production, and follow applicable regulations.
Hygiene measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store away from incompatible materials.
Incompatible products: Strong acids. Strong bases. Strong oxidizers.

7.3. Specific end use(s)

Trim/Molding on the Exterior/Interior of buildings

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

The final product is considered an article and not hazardous in its final form under normal conditions of use according to 29CFR 1910.1200. The ingredients contained within this product are not expected to be bioavailable under normal conditions of use.

8.2. Exposure controls

Appropriate engineering controls : Provide adequate ventilation to minimize dust concentrations.

Personal protective equipment : Safety glasses. Gloves. Insufficient ventilation (specifically with the accumulation of dust or vapors from molten product): wear respiratory protection.

Materials for protective clothing : Not required for normal conditions of use. As necessary when handling hot or molten sheet, wear protective clothing.

Hand protection : If handling hot or molten sheet wear insulated gloves, under normal conditions wear work gloves.

Eye protection : Chemical goggles or safety glasses.

Respiratory protection : Use NIOSH-approved air-purifying or supplied-air respirator where airborne concentrations of dust or vapors from molten product are expected to exceed exposure limits.

Other information : When using, do not eat, drink or smoke.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Solid
Appearance	:	Finished Sheet/Board. White.
Odour	:	No data available
Odour threshold	:	No data available
pH	:	No data available
Relative evaporation rate (butylacetate=1)	:	No data available
Melting point	:	No data available
Freezing point	:	No data available
Boiling point	:	No data available
Flash Point	:	No data available
Auto-ignition temperature	:	No data available
Decomposition Temperature	:	No data available
Flammability (solid, gas)	:	No data available
Vapour pressure	:	No data available
Relative vapour density at 20 °C	:	No data available
Relative density	:	No data available
Specific gravity	:	0.45-1.4
Solubility	:	No data available
Log Pow	:	No data available
Log Kow	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	No data available
Explosive properties	:	No data available
Oxidising properties	:	No data available
Explosive limits	:	Not applicable

9.2. Other information No additional information available

SECTION 10: Stability and reactivity

Reactivity Hazardous reactions will not occur under normal conditions.

Chemical Stability Stable at standard temperature and pressure. Sustained temperatures above 150°F may cause slow degredation.

Possibility Of Hazardous Reactions Hazardous polymerization will not occur.

Conditions To Avoid Direct sunlight. Extremely high or low temperatures. Incompatible materials.

Incompatible Materials Strong acids. Strong bases. Strong oxidizers.

Hazardous Decomposition Products Carbon oxides (CO, CO2). Hydrogen chloride. Toxic gases.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

The final product is considered an article and not hazardous in its final form under normal conditions of use according to 29CFR 1910.1200. The ingredients contained within this product are not expected to be bioavailable under normal conditions of use.

Acute toxicity : Not classified

Skin corrosion/irritation: Not classified

Serious eye damage/irritation: Not classified

Respiratory or skin sensitisation: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

Specific target organ toxicity (single exposure): Not classified

Specific target organ toxicity (repeated exposure): Not classified

Aspiration hazard: Not classified

Symptoms/injuries after inhalation: Not expected to present a significant inhalation hazard under anticipated conditions of normal use.

Symptoms/injuries after skin contact: Not expected to be a primary route of exposure. Risk of thermal burns on contact with molten product.

Symptoms/injuries after eye contact: Not expected to be a primary route of exposure. Excessive dust production at the time of cutting may cause minor eye irritation.

Symptoms/injuries after ingestion: Ingestion is not considered a potential route of exposure.

SECTION 12: Ecological information

12.1. Toxicity

The final product is considered an article and not hazardous in its final form under normal conditions of use according to 29CFR 1910.1200. The ingredients contained within this product are not expected to be bioavailable under normal conditions of use.

12.2. Persistence and degradability No additional information available

12.3. Bioaccumulative potential No additional information available

12.4. Mobility in soil No additional information available

12.5. Other adverse effects

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Sewage disposal recommendations: Do not empty into drains; dispose of this material and its container in a safe way.

Waste disposal recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.

SECTION 14: Transport information

In accordance with ICAO/IATA/DOT/TDG

14.1. UN number Not regulated for transport

14.2. UN proper shipping name Not regulated for transport

14.3. Additional information

Other information : **Not regulated for transport**

Overland transport Not regulated for transport

Transport by sea Not regulated for transport

Air transport Not regulated for transport

SECTION 15: Regulatory information

15.1. US Federal regulations

The final product is considered an article and not hazardous in its final form under normal conditions of use according to 29CFR 1910.1200. The ingredients contained within this product are not expected to be bioavailable under normal conditions of use.

15.2. US State regulations

The final product is considered an article and not hazardous in its final form under normal conditions of use according to 29CFR 1910.1200. The ingredients contained within this product are not expected to be bioavailable under normal conditions of use.

SECTION 16: Other information

Data sources : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Other information : Within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200]: this mixture is not considered a hazard when used in a manner which is consistent with the labeled directions. This mixture is considered an article in its final form.

GHS Full Text Phrases:

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

SDS US (GHS HazCom)