**ISSUE:** Certificate of Appropriateness for alterations

**APPLICANT:** Megan Cunningham

**LOCATION:** Old and Historic Alexandria District

420 Princess Street

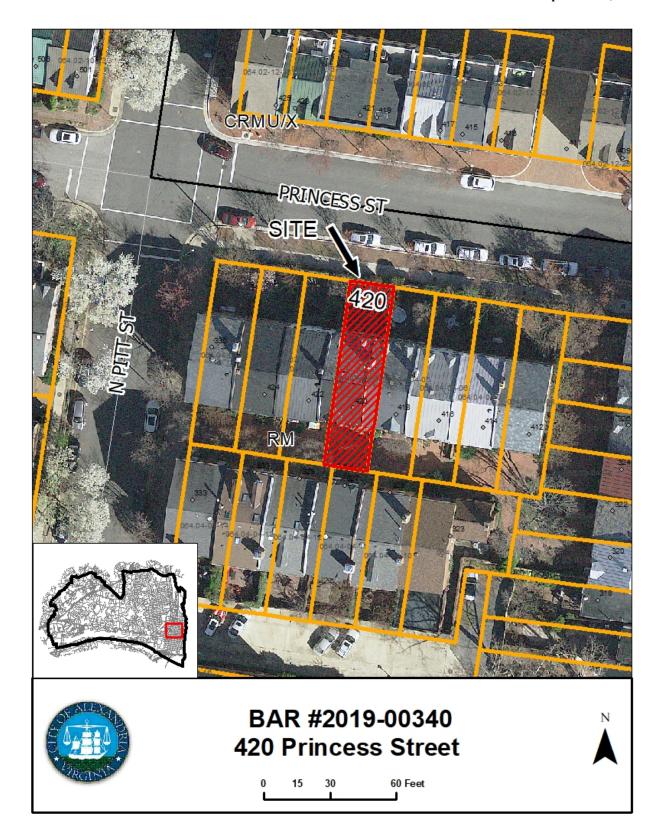
**ZONE:** RM/Townhouse zone

### **STAFF RECOMMENDATION**

Staff recommends approval of the Certificate of Appropriateness with the condition that the metal pan seams be 13" wide or that they match the size of the other metal roofs in this development.

### **GENERAL NOTES TO THE APPLICANT**

- 1. 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.
- 2. 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.
- 3. COMPLIANCE WITH BAR POLICIES: All materials must comply with the BAR's adopted policies unless otherwise specifically approved.
- 4. 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 (<u>including signs</u>). 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.
- 5. EXPIRATION OF APPROVALS NOTE: In accordance with Sections 10-106(B) and 10-206(B) of the Zoning Ordinance, any official 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 <u>Virginia Department of Historic Resources (VDHR)</u> prior to initiating any work to determine whether the proposed project may qualify for such credits.



### I. APPLICANT'S PROPOSAL

The applicant requests a Certificate of Appropriateness to replace the existing roofing with a different material and to reline two chimney flues, at 420 Princess Street.

### Certificate of Appropriateness

The project proposes to replace the existing synthetic slate on the north slope and the rubber membrane on the south slope of the building's roof with Englert S1301 prefinished dark bronze color standing seam metal panels and to reline the two chimneys with metal liners. The chimney liners are not visible from a public way and chimney caps do not require BAR review.

### II. <u>HISTORY</u>

The subject property is part of a thirty-four-unit townhouse complex built in **1965**. The two-bay, three-story, brick Colonial Revival townhouse is in the middle of a row of eight townhouses facing an inner courtyard, or mews, and has an 8:12 pitch side-gable roof. The property's primary elevation is on the south side facing the mews and is covered with rubber membrane roofing that is not visible from any public right-of-way and is not subject to BAR review (Figure 1). However, the rear, north, façade of the building facing Princess Street is covered with synthetic slate (Figure 2).



**Figure : View from interior court** 



Figure 1: View from Princess Street

### Previous BAR Approvals

9/8/1965 – The BAR approved the construction of the townhouses on Princess, North Royal, and Pitt Streets.

10/13/1965 – The BAR approved the restudy of windows and stucco circle

10/15/2018 – Administrative approval for window replacement

### III. ANALYSIS

The BAR's 1993 *Design Guidelines* state that "A central tenet of the philosophy of historic preservation is that original historic materials should be retained and repaired rather than replaced. An informed and careful analysis of the existing condition should be made before any decision to replace historic materials is made." However, the *Design Guidelines* also caution against the use of synthetic slate, noting that "...the Boards do not consider synthetic slate an appropriate roof replacement material for such historic roof materials [i.e. authentic slate or metal]." (Roofing Materials - Page 2 -3) The BAR's Roof Materials Policy, adopted in October 2010, further states that "Original roofing, or existing roofing which has acquired historic importance over time (such as metal roofing which replaced original wood shingles during the 19th century), should be preserved and repaired whenever possible."

However, in this case, the existing, and likely original, roof material is represented by the applicant to be a synthetic slate. Many of the townhouses constructed in the 1960s and 1970s were roofed with a fiber cement shingle designed to look something like slate. Some of these shingles contained an asbestos binder and are, of course, no longer produced. While the BAR's roofing policy states that genuine slate may not be replaced with synthetic slate, and the BAR has approved synthetic slate products made from recycled tires on new construction, staff is not comfortable with the appearance or durability of these products and the companies producing them seem to come and go. As the 1993 *Guidelines* state "To date, there has been little information available about the life span of synthetic slate roofing material." Therefore, staff does not recommend replacing the existing synthetic slate with any of the new synthetic slate products at this time.

Alternative roofing materials for a Colonial Revival style townhouse would be wood shingle, genuine slate, or standing seam metal. In this case, staff does not find that replacement of the existing synthetic slate and rubber membrane roof materials with the proposed standing seam metal compromises the architectural or historic integrity of this 1960s townhouse. These vernacular Colonial Revival style townhouses are generally compatible background buildings in the historic districts but are without individual historical interest or uncommon architectural features. There are several townhouses in this development that have original standing seam metal roofs, so the addition of a metal roof at 420 Princess Street is in character with surrounding properties. The practice of using different architectural details and construction materials in larger townhouse developments is a common approach to reduce the visual scale of the block-face, to create architectural variety and an instant patina of age in the historic district.

The BAR's primary role in reviewing alterations to mid-20<sup>th</sup> century townhouses is to ensure stylistic compatibility with the existing structure; to maintain general scale, mass and architectural compatibility with the immediate neighbors; and to preserve the overall character of the historic district. Standing seam metal has been used locally for roofing since the mid-19<sup>th</sup> century. Thus,

Docket Item #8 BAR #2019-00340 Old and Historic Alexandria District September 4, 2019

staff supports replacement of the existing synthetic slate roof with standing seam metal on this mid-20<sup>th</sup> century structure in this specific instance, as the proposed material is stylistically appropriate for the Colonial Revival style building and replaces a material that is no longer produced. Based on the BAR's Roofing Policy and nationally accepted preservation practice, staff would not support replacement of a genuine slate roof with standing seam metal, particularly on a historic structure.

The application does not specify the width of the metal pans for the standing seam roof and the Guidelines call for them to match historically available pan width. Staff recommends that they be 13" wide or that they match the metal roofs in this development, which appear to be an appropriate width.

### **STAFF**

Marina Novaes, Historic Preservation Planner, Planning & Zoning Al Cox, FAIA, Historic Preservation Manager, Planning & Zoning

### IV. CITY DEPARTMENT COMMENTS

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

### **Zoning**

F-1 No further comments. Proposed re-roofing with new material would not result in the property becoming noncomplying with zoning ordinance requirements.

### **Code Administration**

C-1 A building permit, plan review and inspections are required.

### **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:

Docket Item #8 BAR #2019-00340 Old and Historic Alexandria District September 4, 2019

<u>For a Public Alley -</u> The applicant shall contact T&ES, Construction Permitting & Inspections at (703) 746-4035 to discuss any permits and accommodation requirements that will be required.

<u>For a Private Alley</u> - 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**

F-1 No archaeological oversight necessary on this project.

### V. ATTACHMENTS

- 1 Supplemental Materials
- 2 Application for BAR 2019-00340: 420 Princess Street

	BAR Case #
ADDRESS OF PROJECT: 420 PRINCESS St. A	IWANDRIA
DISTRICT: Old & Historic Alexandria  Parker – Gray	□ 100 Year Old Building
,	
TAX MAP AND PARCEL:	ZONING
APPLICATION FOR: (Please check all that apply)	
CERTIFICATE OF APPROPRIATENESS	
PERMIT TO MOVE, REMOVE, ENCAPSULATE OR DEMOI (Required if more than 25 square feet of a structure is to be demolished/imp	
WAIVER OF VISION CLEARANCE REQUIREMENT and/or CLEARANCE AREA (Section 7-802, Alexandria 1992 Zoning Ordina	
WAIVER OF ROOFTOP HVAC SCREENING REQUIREMENT (Section 6-403(B)(3), Alexandria 1992 Zoning Ordinance)	NT
Applicant:   ✓ Property Owner ☐ Business (Please provide to	ousiness name & contact person)
Name: MEGAN CUNNINGHAM	—- :
Address: 420 PRINCESS STREET	_
City: <u>Alexandria</u> State: <u>VA</u> Zip: <u>1</u> Phone (703) 566-7071 E-mail: <u>Mpnes</u>	22314
Phone (103) 366 1011 E-mail: Mpnes	STO COMCOST, NEV
Authorized Agent (if applicable): Attorney Architect	et 🗌
Name:	Phone:
E-mail:	
Legal Property Owner:	
Name: MEGAN & TERRENCE CUNNIN	GHAM
Address: 420 PRINCESS STREET	_
,	12314
	a Compast, NET
Yes No Is there an historic preservation easement on this If yes, has the easement holder agreed to the property of the proper	oposed alterations? erty?
Yes No If yes, has the homeowner's association approve	a 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	
	hutters hed
DESCRIPTION OF PROPOSED WORK: Please describe the proposed work in detail (Act be attached).  DESCRIPTION OF PROPOSED WORK: Please describe the proposed work in detail (Act be attached).  DESCRIPTION OF PROPOSED WORK: Please describe the proposed work in detail (Act be attached).  DESCRIPTION OF PROPOSED WORK: Please describe the proposed work in detail (Act be attached).  DESCRIPTION OF PROPOSED WORK: Please describe the proposed work in detail (Act be attached).  DESCRIPTION OF PROPOSED WORK: Please describe the proposed work in detail (Act be attached).  DESCRIPTION OF PROPOSED WORK: Please describe the proposed work in detail (Act be attached).  DESCRIPTION OF PROPOSED WORK: Please describe the proposed work in detail (Act be attached).  DESCRIPTION OF PROPOSED WORK: Please describe the proposed work in detail (Act be attached).  DESCRIPTION OF PROPOSED WORK: Please describe the proposed work in detail (Act be attached).  DESCRIPTION OF PROPOSED WORK: Please describe the proposed work in detail (Act be attached).  DESCRIPTION OF PROPOSED WORK: Please describe the proposed work in detail (Act be attached).  DESCRIPTION OF PROPOSED WORK: Please describe the proposed work in detail (Act be attached).  DESCRIPTION OF PROPOSED WORK: Please describe the proposed work in detail (Act be attached).  DESCRIPTION OF PROPOSED WORK: Please describe the proposed work in detail (Act be attached).  DESCRIPTION OF PROPOSED WORK: Please describe the proposed work in detail (Act be attached).  DESCRIPTION OF PROPOSED WORK: Please describe the proposed work in detail (Act be attached).  DESCRIPTION OF PROPOSED WORK: Please describe the proposed work in detail (Act be attached).  DESCRIPTION OF PROPOSED WORK: Please describe the proposed work in detail (Act be attached).  DESCRIPTION OF PROPOSED WORK: Please describe the proposed work in detail (Act be attached).  DESCRIPTION OF PROPOSED WORK: Please describe the proposed work in detail (Act be attached).  DESCRIPTION OF PROPOSED WORK: Please describe the proposed work in detai	
REPLACE W/ SHANDING SEAM METAL ROOF IN DK	BRONZE
2 RELINE 2 CHENNEY FLURS W/ METAL LINERS	
SUBMITTAL REQUIREMENTS:  Items listed below comprise the minimum supporting materials for BAR applications. request additional information during application review. Please refer to the relevant sect	
Design Guidelines for further information on appropriate treatments.	
Applicants must use the checklist below to ensure the application is complete. Include all material that are necessary to thoroughly describe the project. Incomplete applications will docketing of the application for review. Pre-application meetings are required for all proposal applicants are encouraged to meet with staff prior to submission of a completed application.	ill delay the osed additions.
Electronic copies of submission materials should be submitted whenever possible.	
Electronic copies of submission materials should be submitted whenever possible.  Demolition/Encapsulation: All applicants requesting 25 square feet or more of demolition/must complete this section. Check N/A if an item in this section does not apply to your project.	encapsulation

	BAR Case #
Additions & New Construction: Drawings must be to scale and	nd should not exceed 11" x 17" unless
approved by staff. All plans must be folded and collated into 3 complete	e 8 1/2" x 11" sets. Additional copies may be

requ	ıeste	d by staff. All plans must be folded and collated into 3 complete 8 1/2" x 11" sets. Additional copies may be ad by staff for large-scale development projects or projects fronting Washington Street. Check N/A if an item action does not apply to your project.
		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.
illun	ninat	& Awnings: One sign per building under one square foot does not require BAR approval unless ed. All other signs including window signs require BAR approval. Check N/A if an item in this section does y to your project.
		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.
Alt	erat	tions: Check N/A if an item in this section does not apply to your project.
		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.

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 3 sets of revised materials.

BAR Case #

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: Megas

Printed Name:

Date:

# OWNERSHIP AND DISCLOSURE STATEMENT Use additional sheets if necessary

<u>1.</u>	Applicant.	State the	name, addr	ess an	d perc	ent of c	wnership o	f any	person o	or entity of	owning
an	interest in	the applic	ant, unles	s the	entity	is a	corporation	or	partners	hip, in	which
cas	se identify	each own	er of more	than	three	percen	t. The term	ow	nership	interest	shall
inc	lude any l	egal or eq	uitable inte	rest he	eld at	the time	e of the ap	plicat	ion in th	e real p	roperty
wh	ich is the s	subject of th	ne applicati	on.							

Name	Address	Percent of Ownership
1. MEGAN & TELLENCE CUNNING HAM	420 PRINCUSS STRUET	100%
2.		•
3.		
		(5)

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

Address	Percent of Ownership
420 Peincoss	100%

3. <u>Business or Financial Relationships.</u> 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	Relationship as defined by Section 11-350 of the Zoning Ordinance	Member of the Approving Body (i.e. City Council, Planning Commission, etc.)
1. MEGAN & THERENCE CUNNINGHAM 2.	NONE	NOWE
3.		

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.

	it or the applicant's authorized agei		the best of my	ability that
the information	provided above is true and correct	. /	// /	)
8.6.19	MEGAN CUNNINGHAI	n Mejan	Cump	~
Date	Printed Name	/ / Si	gnature /	

Report: 29414140

7/15/2019



# / eagleview™

# **IMAGES**

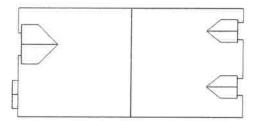
North Side

© 2008-2019 Eagle View Technologies, Inc. and Pictometry International Corp. - All Rights Reserved - Protected by European Patent Application No. 10162199.3 - Covered by one or more of U.S. Patent Nos. 8,078,436; 8,145,578; 8,170,840; 8,209,152; 8,515,125; 8,825,454; 11,135,737; 8,670,961; 9,514,568; 8,818,770; 8,542,880; 9,244,589; 9,329,749; 9,599,466. Other Patents Pending.



420 Princess Street, Alexandria, VA 22314

Report: 29414140



In this 3D model, facets appear as semi-transparent to reveal overhangs.

# PREPARED FOR

Contact:

**Deryl Middleton** 

Company:

Northern Virginia

Roofing, Co, Inc

Address:

14140 Parke Long Ct

Chantilly, VA 20151

Phone:

703-820-3077

### **TABLE OF CONTENTS**

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Pitch Diagram	
Area Diagram	
Notes Diagram	7
Report Summary	

### **MEASUREMENTS**

Total Roof Area =959 sq ft
Total Roof Facets =10
Predominant Pitch =8/12
Number of Stories >1
Total Ridges/Hips =39 ft
Total Valleys =26 ft
Total Rakes =37 ft
Total Eaves =50 ft
Estimated Attic=795 sq ft

Measurements provided by www.eagleview.com



Certified Accurate

www.eagleview.com/Guarantee.aspx

## Download Center

Features and Benefits

**Specifier Sheets** 

Installation Guide

A1301 Standard Details

A1301 BIM Model

Architectural Metal Roof Structural Metal Roof Curved Panel Metal Roof

Soffit Systems

Retrofit Framing

### ARCHITECTURAL METAL ROOF SYSTEMS













A1000

A1100

A1101

A1300

A1301

A1500



S2000

# Free Englert Roofing Mobile App Download:

Easy access to all Englert brochures and catalogs, a color selector for both roofing and gutter colors, standing seam metal roof panel profiles, and a convenient coil calculator to assist in estimating and completing your particular project.

**BONE WHITE** 



BURGUNDY



CHARCOAL GRAY



**COLONIAL RED** 



DARK BRONZE



**DOVE GRAY** 



**DEEP RED** 



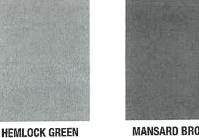
**EVERGLADE MOSS** 



**FOREST GREEN** 



HARTFORD GREEN



**MANSARD BROWN** 

**ENGLERT®** 

Standard COLORS

and COATINGS

PERMACOLOR 3500



**MEDIUM BRONZE** 



MATTE BLACK



PATINA GREEN



**ROYAL BLUE** 



**SLATE BLUE** 



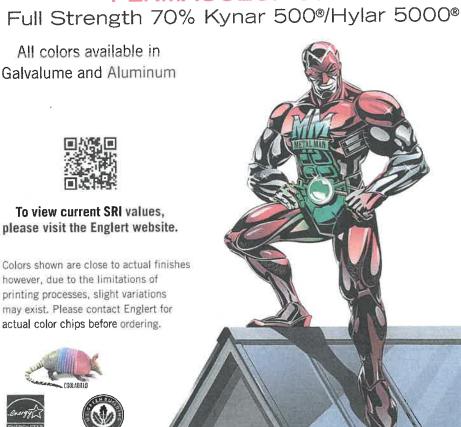
**SLATE GRAY** 



**SUNNET BLUE** 



SIERRA TAN



**MILL FINISH** 

**GALVALUME-PLUS®** 





**CHAMPAGNE\*** (Metallic) Mica 2-Coat System

COPPER\* (Metallic) Mica 2-Coat System

**PREWEATHERED GALVALUME®\*** 

(Metallic) Mica 2-Coat System

#### MILL FINISH

(Aluminum) Made to order available in sheets only





**TERRA COTTA** 

# FINISHES THAT MEET ANY DESIGN OBJECTIVE

Englert is one of the few single-source metal roof manufacturers with an in-house coil coating line and an exceptionally broad range of finishes, whether the design calls for a natural weathered appearance or bright, high-performance, full-strength fluorocarbon colors.

### **Custom Colors**

We can match the color of virtually any material, including brick, wood and fabric. Englert offers short lead times, and our minimum custom-color order requirements are among the industry's lowest.





**ALUMINUM** 

### **ROOFING KYNAR-COATED STANDARDS** IN STOCK - SHEET AND COIL

The state of the s	7 6	STEEL			ALUN	IINUM	
COLORS	22g	24g	26g	.032	.040	.050	.063
Galvalume-Plus	•	1	1	NA	NA	NA	NA
Burgundy		1	1	/		•	•
Bone White	•	1		/	1	1	•
Charceal Gray		1	1	1	1	1	0
Colonial Red		1	1	- Table 1 - Tabl		1	
Dark Bronze		1	1	/ Southern Control	1	1	0
Bovia fariti		1	1	/	1	1	
Deep Red	•	/		/		•	0
EV/anglaide Moss		1	•	-	•	•	•
Forest Green		1	1	1	1	1	0
Hartford Green		1	1	/	1	1	
Hemlack Green		/			•	1	0
Mansard Brown		1	1	- Valenta-destructure	1	1	
Medium Bronze		1	1	PENTALI VARIABILI	1	1	0
Mill Finish (Aluminum)*	NA	NA	NA	/	1	1	1

OLYESTER COATED SH	IFFTS* .	. ΔΙΙ	IMINI	IM
Made to order – available in sheets only.				
AND THE RESIDENCE OF A STREET				

COLORS (TWO-SIDED)		4' x 10'	4' x 8'
COLURS (1	.032	.032	
Bronze	Low-Gloss White	1	/

<sup>\*</sup>Contact Englert for information on additional polyester colors.

Colors shown are close to actual finishes however, due to the limitations of printing processes, slight variations may exist. Please contact Englert for actual color chips before ordering.

Specifications subject to change without notice.

	SILLL			ALGIMITOIL				
COLORS	22g	24g	26g	.032	.040	.050	.063	
Matte Black		1	1	A STATE OF THE STA	1	1	0	
Pacific Blue		1	•	LEC TABLES		•	0	
Patina Green	•	1	•	1		•	0	
Royal Blue		1		1	0	•	0	
Slate Blue	0	1	1	1	•	1	0	
Slate Gray		1	1	✓ ×	1	1	•	
SunNet Blue		1		A	•	•	0	
Sandstone	•	1	•		1	1		
Sierra Tan		1		/	1	1	0	
Stone White	•	1	•	1	1	1	•	
Terra Cotta	<b>©</b>	1	•	/ / /		•	0	
Champagne (Metallic)**	•	1	•		1	•	•	
Copper (Metallic)**	•	1		- And the control of	1		•	
Preweathered (Metallic)**		1		1	1	1	0	

STEEL

אופו אופטובט או:	
	1

<sup>\*\*</sup>Mica 2-Coat System