



Certificate of Appropriateness For a Building Permit

Tennessee Technology Corridor Development Authority

On October 26, 2020, the Tennessee Technology Corridor Development Authority, hereinafter referred to as the Authority, did grant to Daniel Cooter, hereinafter referred to as the Applicant, on its application filed on September 22, 2020 with Application No. 11-B-20-TOA, this Certificate of Appropriateness for the following described property, 9731 Cogdill Rd. / Parcel ID 118 17601. This Certificate of Appropriateness is granted to the Applicant for the purpose of a Building Permit. The Applicant agrees that it will comply with all base zoning requirements, all Technology Overlay Zone requirements, the Design Guidelines and the Comprehensive Development Plan in its use of this property, unless specifically varied or altered by the Authority.

This Certificate of Appropriateness will automatically expire three years from the date of the affirmative vote of this Certificate, unless an extension of the Certificate is granted by the Authority upon the request of the Applicant, if construction of the structure or structures on the property has not reached fifty percent (50%) of completion at the end of that three year period.

The Applicant does hereby agree that staff and/or members of the Knox County governmental entities, or the Authority, shall have access to the property at reasonable times to inspect the same for compliance with the requirements of state and local laws and this Certificate of Appropriateness.

The structure or structures to be erected on this property will be erected according to the approved and accepted plans and specifications attached to this Certificate as Attachment No. One, and any changes thereto approved and accepted by the Applicant and the Authority.

APPLICATION APPROVED October 26, 2020, pursuant to Article 5, Section 5.90.11 (Revisions to Development Plans), Knox County Zoning Ordinance, and all relevant requirements of the Design Guidelines.

By its signature hereunto, the Applicant binds itself to all terms and conditions hereof, both for itself, its heirs, and its successors in interest.

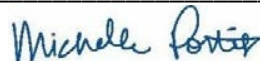
TENNESSEE TECHNOLOGY CORRIDOR DEVELOPMENT AUTHORITY

BY:

Chair

N/A (Administrative Approval)

Attested to by

A handwritten signature in blue ink, appearing to read "Michelle Portier", is written over a horizontal line.

Approval date: 10/26/2020

COA expiration date (3 years): 10/26/2023



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Approval date: 10/26/2020

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Report of Staff Recommendation

Tennessee Technology Corridor Development Authority

File Number:

11-B-20-TOA

Applicant: DANIEL COOTER
Request: BUILDING PERMIT
Meeting Date: 11/9/2020

Address: 9731 Cogdill Rd.
Map/Parcel Number: 118 17601
Location: West side of Cogdill Road, southeast of Dutchtown Road
Existing Zoning: OP (Office Park) / TO (Technology Overlay)
Proposed Zoning:
Existing Land Use: University
Proposed Land Use:
Appx. Size of Tract: 17.7 acres
Accessibility: Access is via Cogdill Road, a minor collector street, with approximately 26 ft. of pavement within the Pellissippi Parkway right-of-way
Surrounding Zoning and Land Uses:
North: C-H-1 (Highway Commercial) District - Businesses
South: OP (Office Park) / TO (Technology Overlay) and CB (Business and Manufacturing) / TO (Technology Overlay) Districts - Businesses and vacant land
East: OP (Office Park) / TO (Technology Overlay Districts - Cogdill Road and Pellissippi Parkway
West: C-H-1 (Highway Commercial) District - Lincoln Memorial University

Comments: This is a request for an administrative approval of a development plan revision. The building was built in 1982 and predates the TTCDA and its guidelines. The applicant is requesting to make minor modifications to the structure and/or site.

Proposed modifications include:

1. Replacing existing mechanical equipment on the roof. The new equipment will be located on the main roof level far enough from the building edge that it will not be seen from ground level.
2. Infilling a window on one of the inward-facing exterior walls on each level of the building with a louvered vent. The windows on the building form a continuous band that wraps around the building. The specific window to be replaced currently looks out over the ramp on each level. None of the windows are highly visible – the window on the ground level is behind trees and the upper level windows are not very visible due to their dark color and the design of the building.
 - a. The windows to be replaced are all 4'-10" tall x 3'-9" wide, as are the vents to replace them. The vents will encompass the entire opening without the need for any filler material between the vent and the storefront system.
 - b. The existing windows have dark tinted glazing with a dark bronze or black storefront finish. The proposed vent color is still to be determined, but would be one of three colors: Classic Bronze, Statuary Bronze, or Black. The selection will be finalized in the field determining the closest match to retain the appearance of a band that wraps around the building.

Design Guideline This request complies with TTCDA Design Guidelines.
Conformity:

Waivers and Variances N/A
Requested:

Staff Recommendation:

APPLICATION APPROVED October 26, 2020, pursuant to Article 5, Section 5.90.11 (Revisions to Development Plans), Knox County Zoning Ordinance, and all relevant requirements of the Design Guidelines.

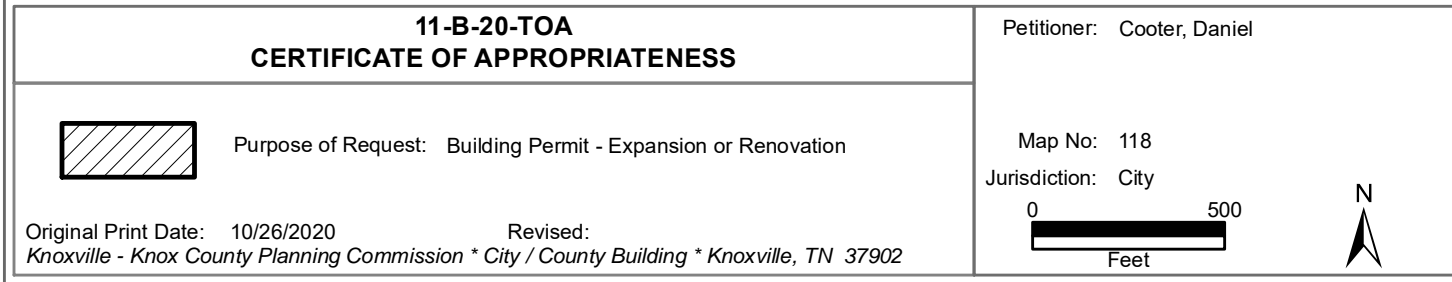


Exhibit A. Window and Vent Dimensions Confirmed



Michelle Portier <michelle.portier@knoxplanning.org>

2045 LMU PT & OT

7 messages

Daniel Cooter <daniel@sparkmanarchitect.com>
To: Michelle Portier <michelle.portier@knoxplanning.org>

Thu, Oct 22, 2020 at 12:52 PM

LMU DCOM Knoxville OT & PT
TTCCA File No. 11-B-20-TOA

Please find attached documents related to the above-referenced project.
Do you have an estimate for when it will be reviewed?

Daniel Scott Cooter assoc. AIA,
Project Manager



SPARKMAN & ASSOCIATES ARCHITECTS INC

313 N Gay Street
Knoxville, TN 37917

office: (865) 584-9885
sparkmanarchitect.com

2 attachments



2045 TTCCA Comment Response 2020-10-22.pdf
38K



2045 TTCCA Response Document Bundle 2020-10-22.pdf
2594K

Michelle Portier <michelle.portier@knoxplanning.org>
To: Daniel Cooter <daniel@sparkmanarchitect.com>

Thu, Oct 22, 2020 at 1:28 PM

Hi Daniel,

I should be able to get to it next week.

Thanks!
Michelle
[Quoted text hidden]

--

Michelle Portier, AICP
Senior Planner
865.215.3821



Knoxville-Knox County Planning | KnoxPlanning.org
400 Main Street, Suite 403 | Knoxville, TN 37902

Michelle Portier <michelle.portier@knoxplanning.org>
To: Daniel Cooter <daniel@sparkmanarchitect.com>

Mon, Oct 26, 2020 at 9:43 AM

Good morning Daniel,

I'm reviewing these drawings now. I will prepare the staff report, stamp the drawings, and issue the COA sometime today - tomorrow at the latest. Can you provide (via email is fine) the height and width of the windows and the height and width of the vent? I assume the vent will occupy the same size opening left behind by the removed window, but wanted to confirm that.

Thank you!
Michelle

On Thu, Oct 22, 2020 at 12:53 PM Daniel Cooter <daniel@sparkmanarchitect.com> wrote:

[Quoted text hidden]

[Quoted text hidden]

Daniel Cooter <daniel@sparkmanarchitect.com>
To: Michelle Portier <michelle.portier@knoxplanning.org>

Mon, Oct 26, 2020 at 9:49 AM

Michelle,

The windows are all 4'-10" tall. The majority of the glazing is 3'-9" wide; they make up a continuous band, and the sizes change at the corners and at the columns. Yes, the intent is to take up one of the window areas with the vent.

Thank you,

Daniel Scott Cooter assoc. AIA,
Project Manager



SPARKMAN & ASSOCIATES ARCHITECTS INC

313 N Gay Street
Knoxville, TN 37917

office: (865) 584-9885
sparkmanarchitect.com

From: Michelle Porer <michelle.portier@knoxplanning.org>
Sent: Monday, October 26, 2020 9:43 AM

To: Daniel Cooter <daniel@sparkmanarchitect.com>

Subject: Re: 2045 LMU PT & OT

[Quoted text hidden]

Michelle Portier <michelle.portier@knoxplanning.org>

Mon, Oct 26, 2020 at 9:55 AM

To: Daniel Cooter <daniel@sparkmanarchitect.com>

So the vent will be 3'-9" W x 4'-10" H as well?

[Quoted text hidden]

Daniel Cooter <daniel@sparkmanarchitect.com>

Mon, Oct 26, 2020 at 9:56 AM

To: Michelle Portier <michelle.portier@knoxplanning.org>

Yes

Daniel Scott Cooter assoc. AIA,

Project Manager



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Knoxville, TN 37917

office: (865) 584-9885

sparkmanarchitect.com

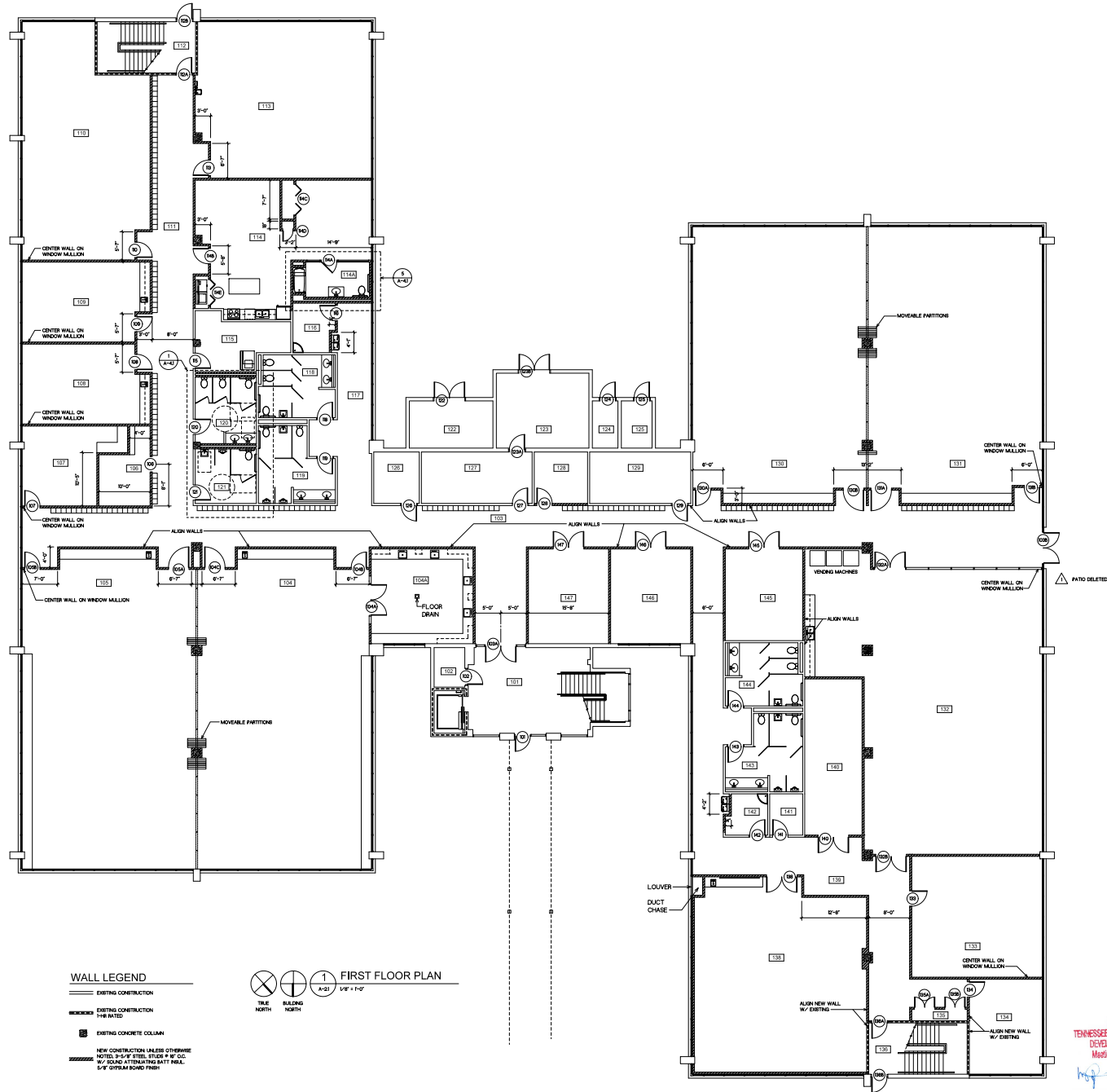
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DATE & TIME OF LAST FILE SAVE: 10/20/2020 4:37 PM

DATE: Thursday, October 22, 2020

ROOM LEGEND

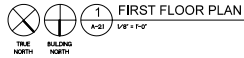
- 101 LOBBY
- 102 STORAGE
- 103 CORRIDOR
- 104 OT CLINICAL BILLS
- 105A GYN/STC LAB
- 106 PT CLINICAL BILLS
- 106A DEMA LAB
- 107 PHYSIOLOGY LAB
- 108 RESEARCH LAB
- 109 RESEARCH LAB
- 110 NEURO LAB
- 111 CORRIDOR
- 112 EXT STAIRS
- 113 PEDIATRICS LAB
- 114 ADL STUDIO
- 114A ADL BATHROOM
- 115 STORAGE
- 116 JANITOR
- 117 CORRIDOR
- 118 WOMEN'S TOILET
- 119 MEN'S TOILET
- 120 WOMEN'S TOILET
- 121 MEN'S TOILET
- 122 MECHANICAL
- 123 MECHANICAL
- 124 ELECTRICAL
- 125 ELECTRICAL
- 126 MECHANICAL & IT
- 127 MECHANICAL
- 128 MECHANICAL
- 130 PT BASED LEARNING CLASS
- 131 OT BASED LEARNING CLASS
- 132 LOUNGE
- 133 DEMONSTRATION
- 134 CONTROL ROOM
- 135 STORAGE
- 136 EXT STAIRS
- 137 NOT USED
- 138 SIMULATION LAB
- 139 CORRIDOR
- 140 MECHANICAL
- 141 LINEN CLOSET
- 142 JANITOR
- 143 MEN'S TOILET
- 144 WOMEN'S TOILET
- 145 STORAGE
- 146 STORAGE
- 147 STORAGE



WALL LEGEND

- EXISTING CONSTRUCTION
- EXISTING CONSTRUCTION
- EXISTING CONCRETE COLUMN

NEW CONSTRUCTION UNLESS OTHERWISE NOTED:
NOTED: 3/4\"/>



FIRST FLOOR PLAN

1/8\"/>

OWNER
LINCOLN MEMORIAL UNIVERSITY
6065 CUMBERLAND GAP PARKWAY
HARRIGATE, TN 37752

ARCHITECT
SPARKMAN & ASSOCIATES
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313 N GAY STREET
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BENDER & ASSOCIATES
110 FOREST COURT
KNOXVILLE, TN 37919
PHONE: (865) 584-6532

M/E/P/F ENGINEER
FACILITY SYSTEMS CONSULTANTS
713 S CENTRAL STREET, SUITE 101
KNOXVILLE, TN 37902
PHONE: (865) 246-0154

PROJECT
DCOM - KNOXVILLE OCCUPATIONAL
& PHYSICAL THERAPY
9731 COOGLI RD
KNOXVILLE, TN 37923

S&P 2045-19
TTCCA FILE # 11-4-20-TOA

DRAWN BY: DC
CHECKED BY: FS

PHASE: SD APRIL 6, 2020
CD JUNE 16, 2020
REVISION 1 10/22/2020

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DRAWING IS THE PROPERTY OF
SPARKMAN & ASSOCIATES
ARCHITECTS, INC. AND SHALL
NOT BE REPRODUCED IN WHOLE
OR IN PART WITHOUT THE
ARCHITECT'S PERMISSION.



APPROVED BY:
TENNESSEE TECHNOLOGY CORRIDOR
DEVELOPMENT AUTHORITY
Meeting Date: 10/26/2020
(Administrative Approval)

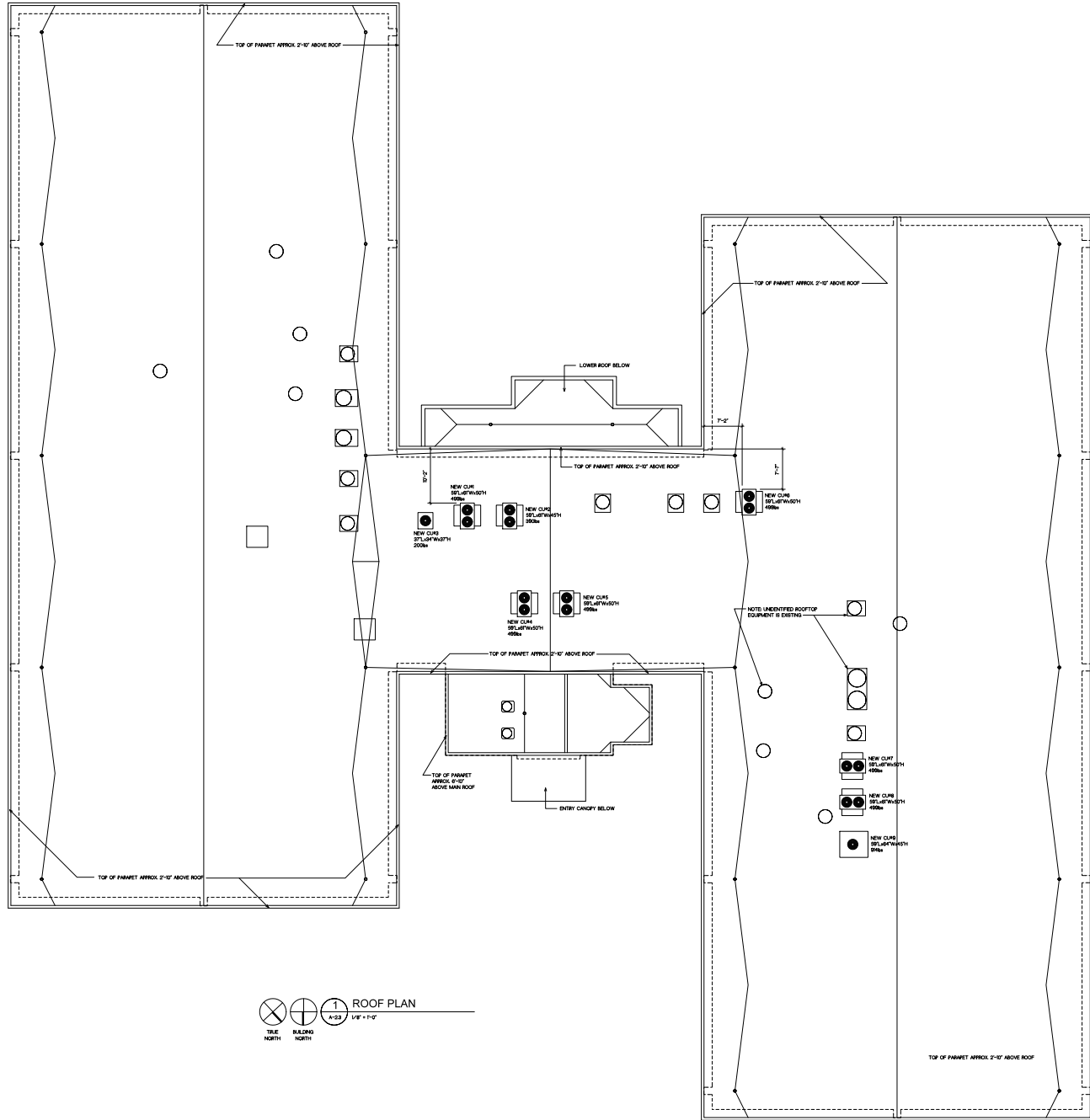
**FIRST FLOOR PLAN
ROOM LEGEND**

A-2.1

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DATE & TIME OF LAST FILE SAVE: 10/07/2020 4:37 PM

DATE: Thursday, October 22, 2020



1 ROOF PLAN
A-23 1/8" = 1'-0"
TRUE NORTH
MAKING NORTH

APPROVED BY
TENNESSEE TECHNOLOGY CORRIDOR
DEVELOPMENT AUTHORITY
Meeting Date: 10/26/2020
(Administrative Approval)

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PHONE: (865) 246-0154

PROJECT
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& PHYSICAL THERAPY
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KNOXVILLE, TN 37923

SS&P 2045-19
TTCCA FILE # 11-4-20-TOA

DRAWN BY: DC
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ROOF PLAN

A-2.3

Stationary Louver Drainable Blade

Application and Design

ESD-635 is a weather louver designed to protect air intake and exhaust openings in building exterior walls. Design incorporates drain gutters in the head member and horizontal blades to channel water to the jambs where water is further channeled through vertical downspouts and out at the sloped sill. The ESD-635 is an **AMCA CERTIFIED LOUVER** enabling designers to select and apply with confidence.

Standard Construction

Frame Heavy gauge extruded 6063-T5 aluminum, 6 in. x 0.081 in. nominal wall thickness

Blades Drainable design, heavy gauge extruded 6063-T5 aluminum, 0.081 in. nominal wall thickness, positioned at 37° angles on approximately 4 in. centers

Construction . . . Mechanically fastened

Birdscreen 3/4 in. x 0.051 in. flattened expanded aluminum in removable frame, inside mount (rear)

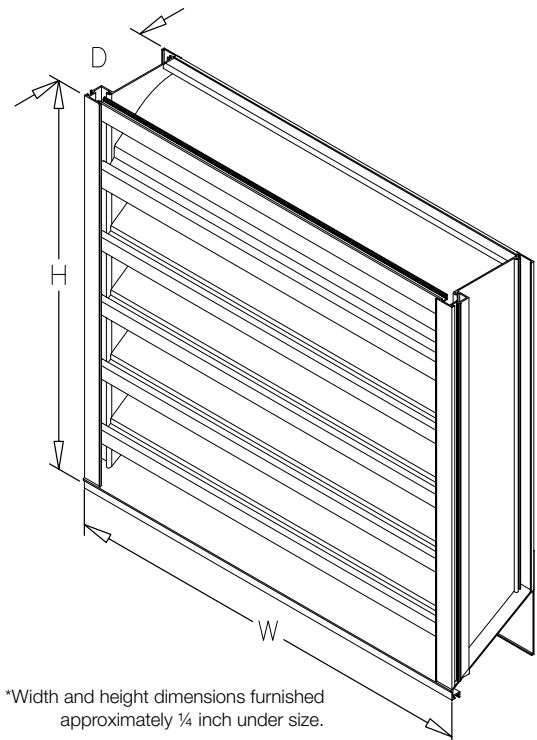
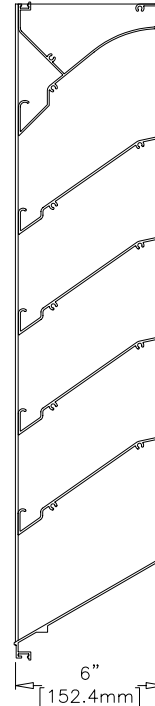
Finish Mill

Minimum Size . . 12 in. W x 12 in. H

Maximum Single Section Size . . 120 in. W or 120 in. H (limited to 70 ft. sq.)

Options (at additional cost)

- A variety of bird and insect screens
- Clip angles
- Blank off panel
- Extended sill
- Filter rack
- Flanged frame
- Glazing adaptor
- Hinged frame
- Security bars
- Welded construction
- 0.125 nominal wall thickness
- A variety of architectural finishes including:
 - Clear anodize
 - Integral color anodize
 - Baked enamel paint
 - Kynar paint



9

*Width and height dimensions furnished approximately 1/4 inch under size.

APPROVED BY
TENNESSEE TECHNOLOGY CORRIDOR
DEVELOPMENT AUTHORITY
Meeting Date: 10/26/2020



(Administrative Approval)

PERFORMANCE DATA

ESD-635

Stationary Louver Drainable Blade
Extruded Aluminum

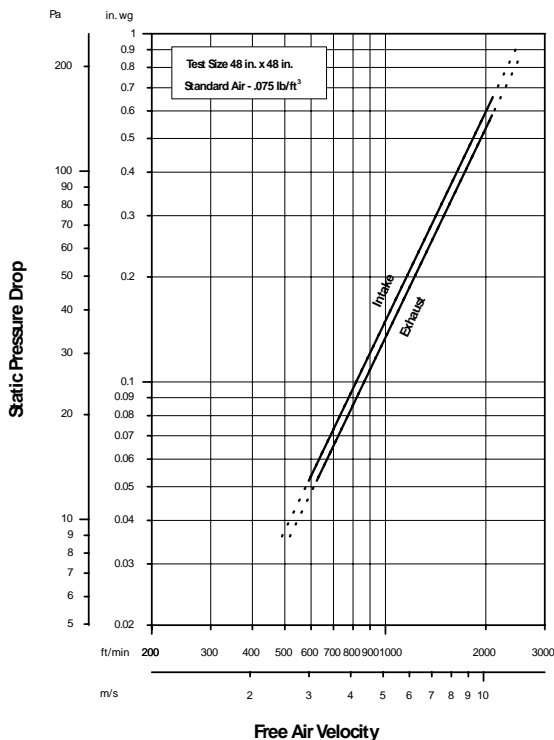
Free Area Chart (Sq. ft.)

Louver Height Inches	Louver Width in Inches																		
	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
12	0.19	0.32	0.44	0.57	0.69	0.82	0.94	1.04	1.16	1.29	1.41	1.54	1.66	1.79	1.91	2.01	2.13	2.26	2.38
18	0.48	0.80	1.11	1.42	1.74	2.05	2.36	2.60	2.91	3.22	3.54	3.85	4.16	4.48	4.79	5.02	5.34	5.65	5.96
24	0.77	1.27	1.77	2.27	2.77	3.27	3.76	4.14	4.64	5.14	5.64	6.14	6.63	7.13	7.63	8.01	8.51	9.01	9.50
30	1.05	1.73	2.41	3.09	3.77	4.45	5.13	5.64	6.32	7.01	7.69	8.37	9.05	9.73	10.41	10.92	11.60	12.28	12.96
36	1.35	2.22	3.09	3.97	4.84	5.71	6.59	7.24	8.11	8.99	9.86	10.73	11.61	12.48	13.35	14.01	14.88	15.76	16.63
42	1.62	2.67	3.71	4.76	5.81	6.86	7.91	8.69	9.74	10.79	11.84	12.89	13.94	14.99	16.03	16.82	17.87	18.92	19.97
48	1.92	3.17	4.42	5.67	6.91	8.16	9.41	10.34	11.59	12.84	14.09	15.33	16.58	17.83	19.08	20.01	21.26	22.51	23.75
54	2.18	3.60	5.02	6.44	7.85	9.27	10.69	11.75	13.17	14.58	16.00	17.42	18.83	20.25	21.67	22.73	24.15	25.56	26.98
60	2.49	4.10	5.71	7.32	8.94	10.55	12.16	13.37	14.98	16.59	18.21	19.82	21.43	23.04	24.66	25.87	27.48	29.09	30.70
66	2.75	4.53	6.32	8.10	9.88	11.67	13.45	14.79	16.57	18.36	20.14	21.92	23.71	25.49	27.27	28.61	30.40	32.18	33.96
72	3.05	5.03	7.01	8.99	10.97	12.95	14.93	16.41	18.39	20.37	22.35	24.33	26.31	28.29	30.27	31.75	33.73	35.71	37.69
78	3.31	5.46	7.61	9.76	11.91	14.06	16.21	17.83	19.98	22.13	24.28	26.43	28.58	30.73	32.88	34.49	36.64	38.79	40.94
84	3.62	5.96	8.31	10.66	13.00	15.35	17.69	19.45	21.80	24.15	26.49	28.84	31.19	33.53	35.88	37.64	39.98	42.33	44.68
90	3.88	6.40	8.91	11.43	13.95	16.46	18.98	20.87	23.38	25.90	28.42	30.93	33.45						
96	4.18	6.90	9.61	12.32	15.04	17.75	20.46	22.50	25.21	27.92	30.64	33.35	36.06						
102	4.44	7.33	10.21	13.09	15.98	18.86	21.74	23.90	26.79	29.67	32.55	35.44	38.32						
108	4.75	7.83	10.91	13.99	17.07	20.15	23.23	25.54	28.62	31.70	34.78	37.66	40.94						
114	5.01	8.26	11.51	14.76	18.01	21.26	24.51	26.95	30.20	33.45	36.70	39.95	43.20						
120	5.31	8.76	12.21	15.66	19.10	22.55	26.00	28.58	32.03	35.48	38.92	42.37	45.82						



Greenheck Fan Corporation certifies that the ESD-635 louvers shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings Seal applies to air performance and water penetration ratings.

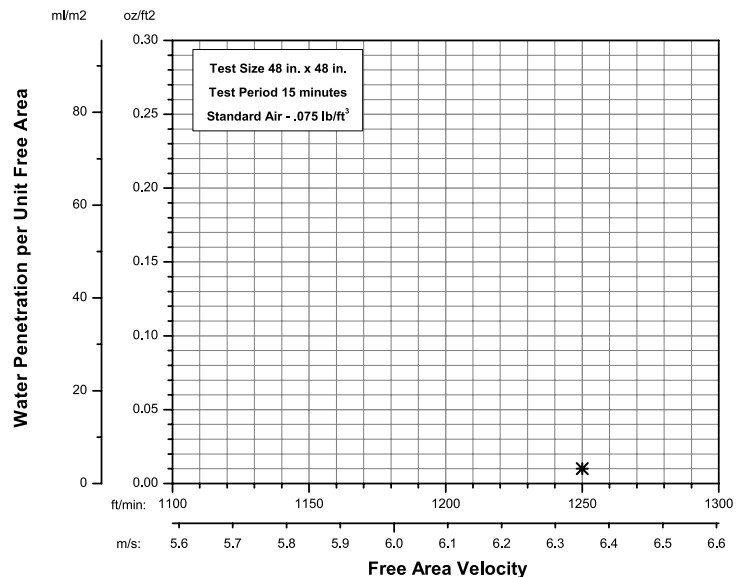
Airflow Resistance (Standard Air - .075 lb/ft³)



Model ESD-635 resistance to airflow (pressure drop) varies depending on louver application (air intake or air exhaust). Free area velocities (shown) are higher than average velocity through the overall louver size. See louver selection information. (Test Figure 5.5-6.5)

Water Penetration (Standard Air - .075 lb/ft³)

Test size 48 in. x 48 in. Test duration of 15 min.



The AMCA Water Penetration Test provides a method for comparing various louver models and designs as to their efficiency in resisting the penetration of rainfall under specific laboratory test conditions. The beginning point of water penetration is defined as that velocity where the water penetration curve projects through .01 oz. of water (penetration) per sq. ft. of louver free area. ***The beginning point of water penetration for Model ESD-635 is above 1250 fpm free area velocity.** These performance ratings do not guarantee a louver to be weatherproof or stormproof and should be used in combination with other factors including good engineering judgement in selecting louvers.

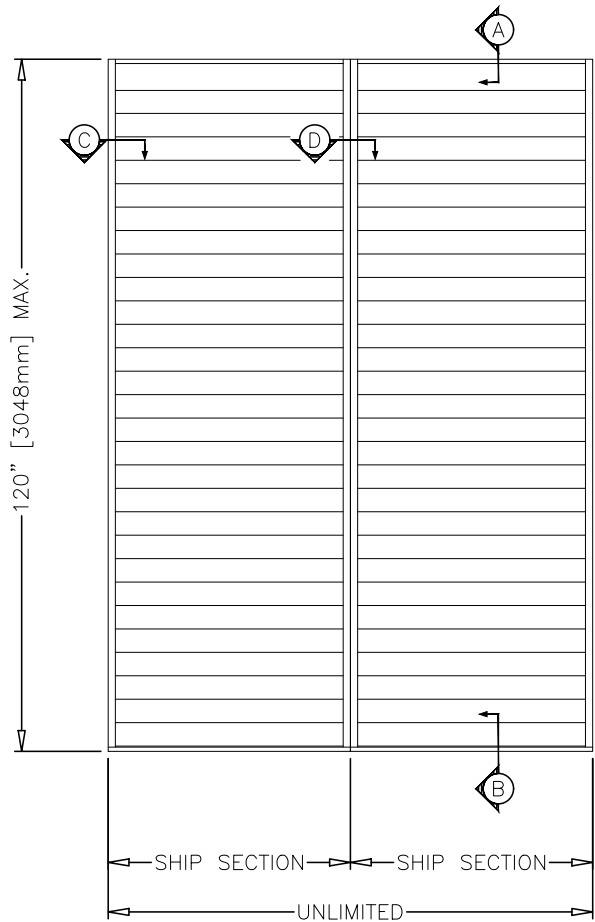
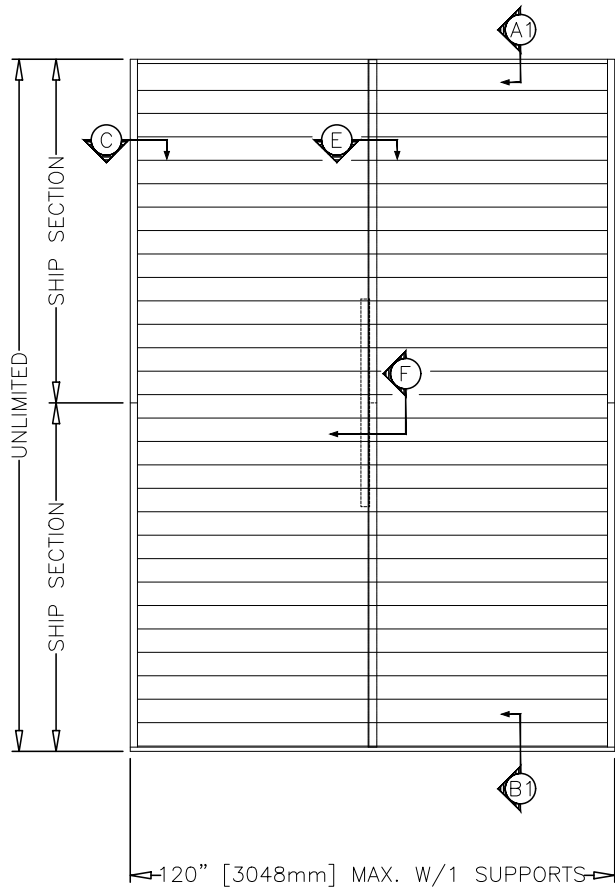
Maximum Size and Installation Information

Stationary Louver Drainable Blade
Extruded Aluminum

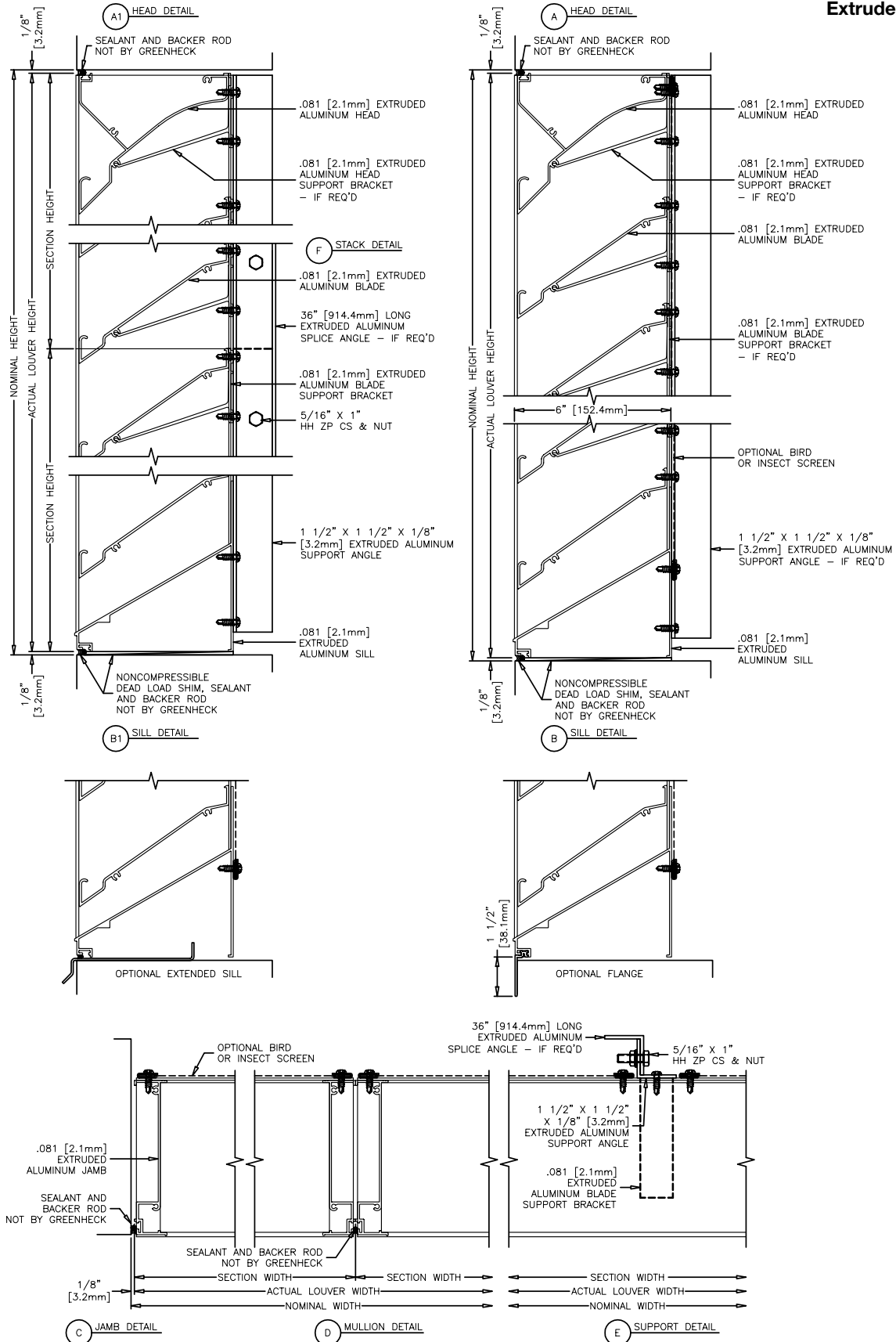
Maximum single section size for model ESD-635 is 120 in. W x 84 in. H or 84 in. W x 120 in. H (70 sq. ft). Larger openings require field assembly of multiple louver sections to make up the overall opening size. Individual louver sections are designed to withstand a 25 PSF wind load (please consult Greenheck if the louvers must withstand higher wind-loads). Structural reinforcing members may be required to adequately support and install multiple louver sections within a large opening. Structural reinforcing members along with any associated installation hardware is not provided by Greenheck unless indicated otherwise by Greenheck. Options and accessories including, but not limited to, screens, filter racks, louver doors, and blank off panels are not subject to structural analysis unless indicated otherwise by Greenheck. Additional information on louver installation may be found in AMCA Publication #501, Louver Application Manual.

SINGLE SECTION
W/ SUPPORT ANGLES

MULTIPLE SECTION W/ MULLION



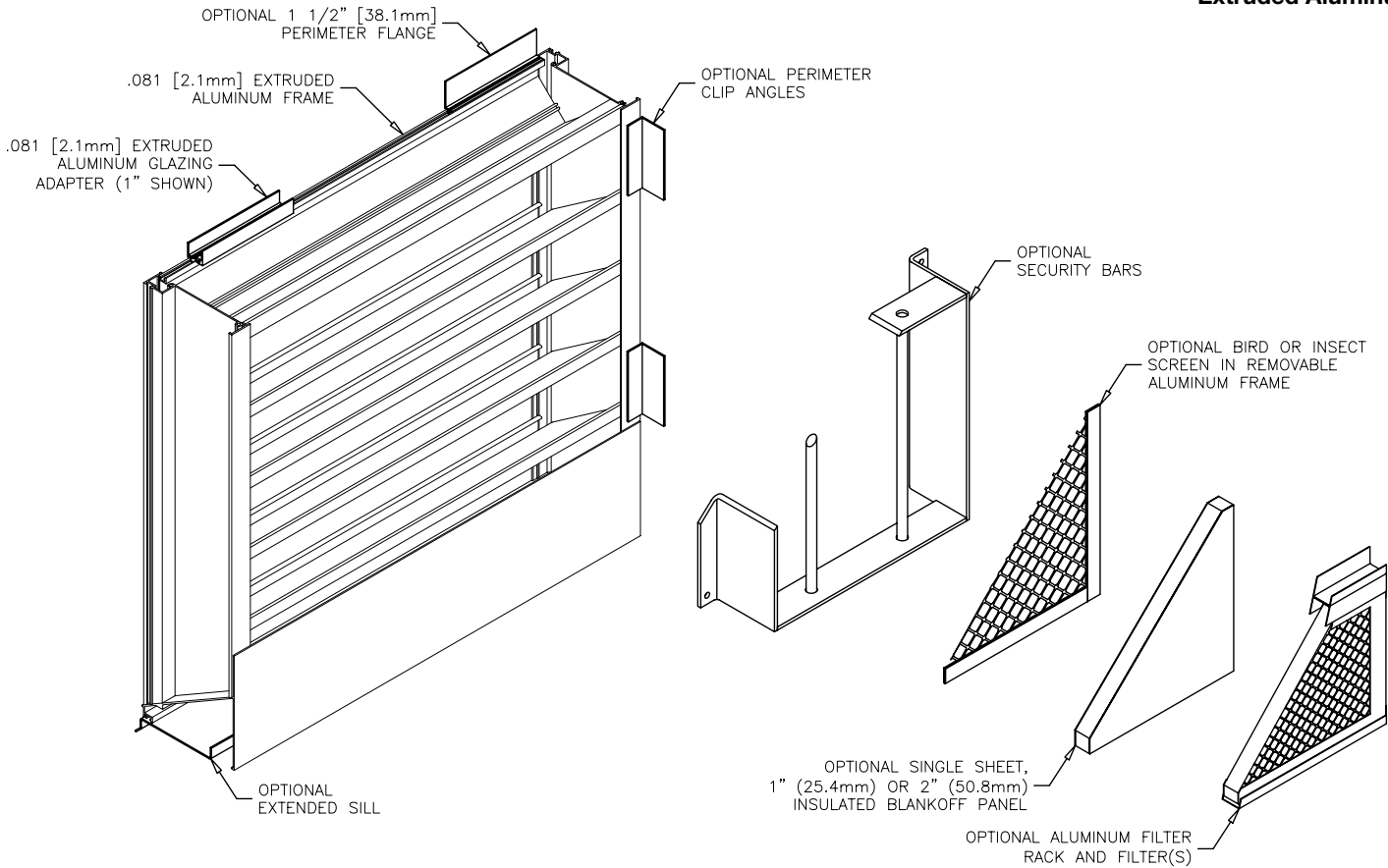
Minimum Single Section Size Maximum Single Section Size
12 in. W x 12 in. H 70 ft. sq.



OPTION DRAWINGS

ESD-635

**Stationary Louver Drainable Blade
Extruded Aluminum**



FINISHES

Finish Type	Description/Application	Color Selection	Standard Warranty (Aluminum)
AAMA 2605 100% Fluoropolymer (FEVE) 2-Coat 70% Kynar® (PVDF) 3-Coat 70% Kynar® (PVDF) 4-Coat 70% Kynar® (PVDF)	"Best." The premier finish for extruded aluminum. Tough, long-lasting coating has superior color retention and abrasive properties. Resists chalking, fading, chemical abrasion and weathering.	Standard Colors: Any of the 27 standard colors shown can be furnished in 70% or 50% Kynar®, 100% Fluoropolymer or Baked Enamel. Mica Colors: Greenheck offers 6 standard Mica colors for 70% Kynar® or 100% Fluoropolymer. Custom Colors: Custom color matching is available. Consult your Greenheck representative for cost and/or lead-time implications if a custom color is required.	10 Years (20 Years Optional)
AAMA 2604 50% Kynar® / Acroflur®	"Better." Tough, long-lasting coating has excellent color retention and abrasive properties. Resists chalking, fading, chemical abrasion and weathering.		5 Years
AAMA 2603 Baked Enamel	"Good." Provides good adhesion and resistance to weathering, corrosion and chemical stain.		1 Year
AA-M10C22A42 Integral Color Anodize	"Two-step" anodizing is produced by following the normal anodizing step with a second, colorfast process.	Light, Medium, Dark or Extra Dark Bronze; Champagne; Black	5 years
AA-M10C22A41 Clear Anodize 215 R-1	Clear, colorless and hard oxide aluminum coating that resists weathering and chemical attack.	Clear	5 years
AA-M10C22A31 Clear Anodize 204	Clear, colorless and hard oxide aluminum coating that resists weathering and chemical attack.	Clear	1 Year
Prime Coat	Louvers or architectural products shall be cleaned, pre-treated and receive a prime coat finish suitable for field painting. Greenheck does not recommend prime coat or field painting of materials.		n/a
Mill	Materials may be supplied in natural aluminum or galvanized steel finish when normal weathering is acceptable and there is no concern for color or color change.		n/a

Finishes meet or exceed AAMA 2605, AAMA 2604, and AAMA 2603 requirements. Please consult www.greenheck.com for complete information on standard and extended paint warranties. Paint finish warranties are not applicable to steel products.



ESD-635

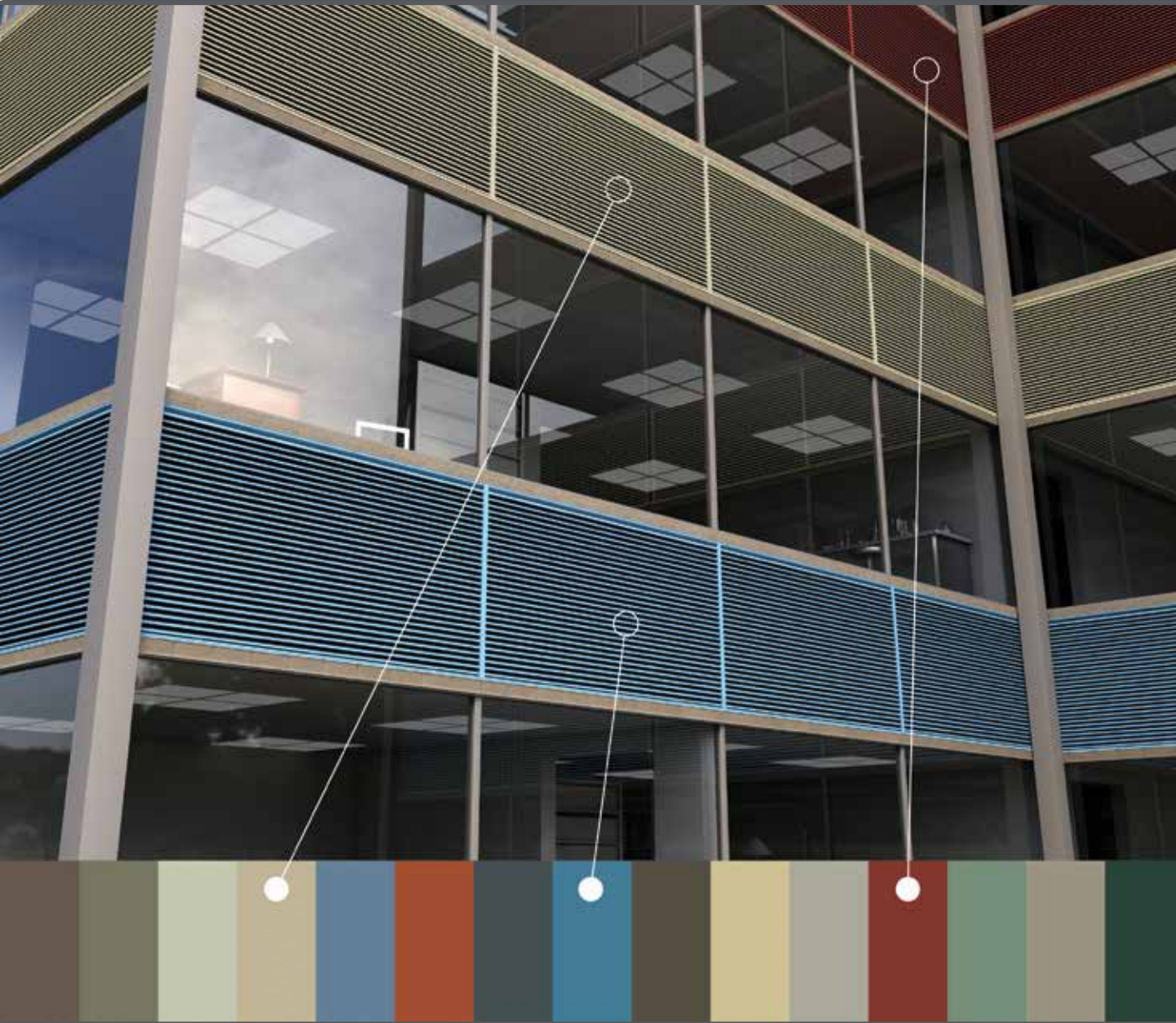
February 2020

Copyright © 2020 Greenheck Fan Corporation

Greenheck Fan Corporation reserves the right to make product changes without notice.

Disclaimer: This color chart is for reference only and is not to be used for final color matching. Shades may vary due to the color and resolution of your computer screen and/or your particular color printer output. Greenheck is not responsible or liable for color matches made with online color chart.

Louver Finishes & Colors



BUILDING VALUE IN AIR.



APPROVED BY
TENNESSEE TECHNOLOGY CORRIDOR
DEVELOPMENT AUTHORITY

Meeting Date: 10/26/2020

(Administrative Approval)

April
2020

Standard Colors

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Greenheck offers 27 standard colors available in AAMA 2605 compliant coatings (70% Kynar PVDF/ 100% Fluoropolymer FEVE), AAMA 2604 compliant coatings (50% Kynar/Acroflur) or AAMA 2603 compliant coatings (Baked Enamel).

		
Bone White GF102	Ivory 031	Ascot White GF120
		
Dover White AL202	Cambridge White GF110	Herring Bone GF107
		
Sandstone GF112	Pueblo Tan GF116	Rawhide AL215
		
Smoke GF104	Sierra Tan GF118	Lindie Bronze AL218
		
Hampton Brown GF105	Spartan Bronze GF113	Classic Bronze GF108
		
Statuary Bronze AL221	Dove Gray AL213	Stone Gray GF103
		
Charcoal AL214	Flat Black 044	Gloss Black 045
		
Coronado Red GF121	Terra Cotta AL217	Hartford Green AL208
		
Capri Blue GF106	Aegean Blue AL204	Patina Green GF114

The samples incorporated in this presentation are as close to production materials as color reproduction technology allows.
Color samples of metal coupons are available upon request. Custom color matching is available upon request.
Consult your Greenheck representative for additional cost associated with custom colors.

Mica Colors

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Greenheck offers six standard mica colors available in AAMA 2605 compliant coatings (70% Kynar PVDF/100% Fluoropolymer FEVE). Mica colors are formulated to reproduce the low-gloss metallic luster of anodized aluminum in a wider range of dynamic colors. These colors offer many performance advantages over conventional anodized finishes including longer warranty duration, superior resistance to salt spray, greater color uniformity and better chemical resistance. Additionally, mica coatings are easier to repair and touch-up than conventional anodized finishes. Organic micas are comprised of natural minerals and crushed pearlescent that are highly resistant to harmful environmental effects.



Clear Anodize Mica

GF209



Bright Silver

AL222



Sterling

GF201



Gun Barrel

AL239



Dark Bronze

AL238



Asti

AL236



Other Options

Mill Aluminum

Aluminum in the mill finish state will be commercially smooth and substantially free from blisters, inclusions, voids, slivers and kinks. Slight discontinuity resulting from flow and die lines inherent in the extrusion process will exist. Occasional discontinuities that can be reasonably removed making the surface suitable for finishing operations are acceptable. Although aluminum is naturally resistant to corrosion, its appearance changes as a result of weathering and aging. Aluminum in the mill finish state may also have a non-uniform surface appearance resulting from oil, heat and oxide discoloration inherent in the manufacturing process.

Prime Coat

Louvers and architectural products shall be cleaned, pre-treated and receive a prime coat finish suitable for field painting. Products must be thoroughly cleaned and prepared prior to field application of epoxy, urethane or other heavy-duty coatings. Greenheck does not recommend prime coat or field painting of louvers and architectural products. As such, Greenheck does not provide formal field cleaning, preparation or painting instructions or recommendations.

The samples incorporated in this presentation are as close to production materials as color reproduction technology allows. Color samples of metal coupons are available upon request. Custom color matching is available upon request. Consult your Greenheck representative for additional cost associated with custom colors.

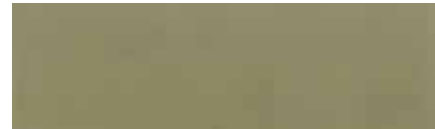
Anodize Colors

Disclaimer: This color chart is for reference only and is not to be used for final color matching. Shades may vary due to the color and resolution of your computer screen and/or your particular color printer output. Greenheck is not responsible or liable for color matches made with online color chart.

The anodize process creates an extremely hard and durable finish on aluminum surfaces. Greenheck offers seven industry standard anodize colors on aluminum louver products that meet the performance requirements of AAMA 611. Some degree of color discontinuity within industry standard anodize color range tolerances can be expected. For better color consistency Greenheck recommends AAMA 2605 compliant mica coatings in lieu of anodize.



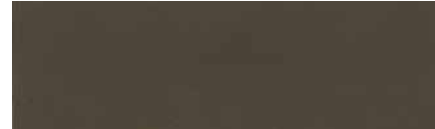
Clear Anodize 215-R1 or 204-R1



Champagne Anodize



Light Bronze Anodize



Medium Bronze Anodize



Dark Bronze Anodize



Extra Dark Bronze Anodize



Black Anodize

Aluminum Association Specification

Anodize	AA-M10C21A44	AA-M10C21A41	AA-M10C21A31
Class	I	I	II
Minimum Mil Thickness	0.7	0.7	0.4
Greenheck Louver Anodize Finish Options	Champagne; Light, Medium, Dark or Extra Dark Bronze; Black	215-R1 Clear	204-R1 Clear
Description	Two-step anodize process incorporating a colorfast electrolytic process following the initial anodize step	Clear, colorless and hard oxide aluminum finish that resists weathering and chemical attack	Clear, colorless and hard oxide aluminum finish that resists weathering and chemical attack
Warranty	5 Year	5 Year	1 Year



The samples incorporated in this presentation are as close to production materials as color reproduction technology allows. Color samples of metal coupons are available upon request. Custom color matching is available upon request. Consult your Greenheck representative for additional cost associated with custom colors.

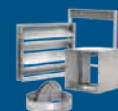
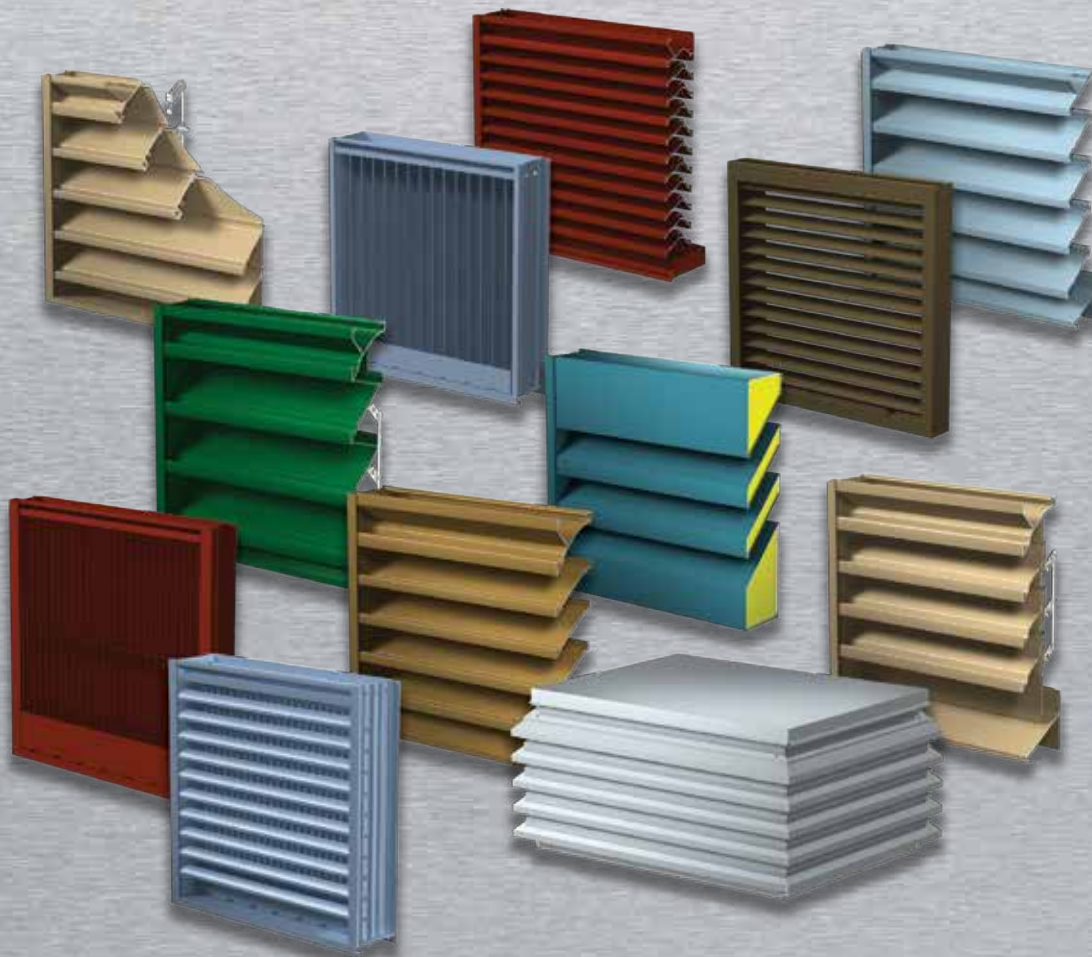
Paint Performance Specifications

Use the reference chart below to better understand the performance criteria defined by the American Architectural Manufacturers Association (AAMA). To ensure the highest performance coatings on louver products, Greenheck recommends specifying an AAMA 2605 compliant coating.

Paint Performance Specifications			
Coatings	100% Fluoropolymer (FEVE) 2-Coat 70% Kynar® (PVDF) 3-Coat 70% Kynar® (PVDF) 4-Coat 70% Kynar® (PVDF)	50% Kynar® / Acroflur®	Baked Enamel
Warranty (Aluminum Products Only)	10 Year (20 Year Optional)	5 Year	1 Year
Weathering	AAMA 2605	AAMA 2604	AAMA 2603
South Florida Exposure	10 Year	5 Year	1 Year
Color Retention	Delta E Color Change <=5 Hunter Units	Delta E Color Change <=5 Hunter Units	Slight Fade
Gloss Retention	Minimum 50%	Minimum 30%	N/A
Chalk Resistance	=>8 Rating (6 for Whites)	=>8 Rating	Slight Chalking
Erosion Resistance	<10% Film Loss	<10% Film Loss	N/A
Chemical Tests			
Muriatic Acid Resistance (15 Minute Spot Test)	No Blistering or Visual Change	No Blistering or Visual Change	No Blistering or Visual Change
Mortar Resistance (24 Hour Pat Test)	No Loss of Film Adhesion or Visual Change	No Loss of Film Adhesion or Visual Change	No Loss of Film Adhesion or Visual Change
Nitric Acid Resistance	Delta E Color Change <=5 Hunter Units	Delta E Color Change <=5 Hunter Units	N/A
Detergent Resistance	No Loss of Adhesion, No Blistering, No Significant Visual Change	No Loss of Adhesion, No Blistering, No Significant Visual Change	No Loss of Adhesion, No Blistering, No Significant Visual Change
Window Cleaner Resistance	No Blistering or Noticeable Change and No Removal of Film	No Blistering or Noticeable Change and No Removal of Film	N/A
Corrosion			
Salt Spray Resistance (ASTM B117)	4,000 Hours, => 7 Scribe, => 8 Blister	3,000 Hours, => 7 Scribe, => 8 Blister	1,500 Hours, => 7 Scribe, => 8 Blister
Aggressive Salt Spray Resistance (ASTM G85, Annex A5)	2,000 Hours Aggressive Cyclical Corrosion Testing	N/A	N/A
Humidity Resistance	4,000 Hours at 100°F and 100% Humidity, No Visual Change and Few Blisters Size 8	3,000 Hours at 100°F and 100% Humidity, No Visual Change and Few Blisters Size 8	1,500 Hours at 100°F and 100% Humidity, No Visual Change and Few Blisters Size 8
Hardness & Adhesion			
Dry Film Hardness	F Minimum Hardness. No Film Rupture.	F Minimum Hardness. No Film Rupture.	H Minimum Hardness. No Film Rupture.
Film Adhesion	Accordance with ASTM D3359	Accordance with ASTM D3359	Accordance with ASTM D3359
Impact Resistance	No Removal of Film from Substrate	No Removal of Film from Substrate	No Removal of Film from Substrate
Abrasion Resistance	Co-efficient Value 40 Minimum	Co-efficient Value 20 Minimum	N/A

Complete Louver Product Offering

- Stationary
- Adjustable
- Combination Louver/Dampers
- Wind Driven Rain
- Hurricane Rated
- Acoustical
- Louvered Penthouses
- Thinline



Our Commitment

As a result of our commitment to continuous improvement, Greenheck reserves the right to change specifications without notice.

Specific Greenheck product warranties are located on greenheck.com within the product area tabs and in the Library under Warranties.





Tennessee Technology Corridor
DEVELOPMENT AUTHORITY

CERTIFICATE OF APPROPRIATENESS

Name of Applicant: Daniel Scott Cooter
Date Filed: 9/14/2020 Fee Paid: \$150.00 File Number: 11-B-20-TOA
Map Number: 118 Zoning District: OP/TO
Jurisdiction: ☒ City 2nd Councilmanic District ☐ County _____ Commission District

PROPERTY INFORMATION

ADDRESS: 9731 COGDILL ROAD
STREET NUMBER AND NAME
GENERAL LOCATION: West Knoxville, off Pellissippi Parkway south of Murdock Rd
PARCEL NUMBER(S): 118-17601
SIZE OF TRACT: 17.7 ☒ ACRES ☐ SQUARE FEET

PURPOSE OF REQUEST

- ☐ BUILDING PERMIT — New Construction
☒ BUILDING PERMIT — Expansion or Renovation
☐ BUILDING PERMIT — Grading Plan
☐ REZONING
From: _____
To: _____
☐ SIGNAGE
☐ ZONING VARIANCE — (Describe and give reason)

NOTE: Four (4) copies of all plan materials are required to process the application. Please check all that apply:

- ☐ DEVELOPMENT PLAN
☐ BUILDING ELEVATIONS
☒ FLOOR PLAN
☐ LANDSCAPE PLAN WITH SCHEDULE
☐ SIGNAGE PLAN
☐ OFF-STREET PARKING PLAN
☐ OTHER:

APPLICATION CORRESPONDENCE — All correspondence relating to this application should be sent to:

PLEASE PRINT

Name: Daniel Scott Cooter Phone: 865-584-9885 Fax: _____
Mailing Address: ~~612 HILLSIDE PL~~ 313 N. GAY ST. KNOXVILLE, TN 37917

APPLICATION AUTHORIZATION — I hereby certify that I am the authorized applicant, representing ALL property owners involved in this request or holders of option on same, whose signatures are included on the back of this form.

PLEASE PRINT

Signature: _____

Name: Christina A. Graham Phone: 423-869-1214 Fax: 423-869-4825
Mailing Address: 6965 Cumberland Gap Pkwy; Harrington, TN 37752

APPLICATION ACCEPTANCE — Staff Member who accepted this application:

Michelle Foster

9731 Cogdill Road

SUMMARY OF PROJECT

Project consists of mainly interior renovations to an existing 2-story building, to convert it to the LMU School of Osteopathic Therapy and Physical Therapy. Exterior renovations consist of:

1. Infilling one window on each floor with a louvered intake for fresh air (the building concrete construction is of a nature that cutting through it would be impractical).
2. Replacing rooftop mechanical units
3. Installing a concrete patio outside the first floor student lounge (the area is currently grass)