



Certificate of Appropriateness

Milwaukee Historic Preservation Commission/200 E. Wells Street/Milwaukee, WI 53202/phone 414-286-5712/fax 414-286-3004

Property	2525 N. Sherman Boulevard	Washington High School, Sherman Boulevard HD
Description of work	Install insect screens and security screens as shown in attachments. No security screens will be installed on the Sherman Boulevard façade of the historic building. WHS case 23-0579, no adverse effect finding dated 5/18/2023.	
Date issued	5/30/2023	PTS ID N/A

In accordance with the provisions of Section 320-21 (11) and (12) of the Milwaukee Code of Ordinances, the Milwaukee Historic Preservation Commission has issued a certificate of appropriateness for the work listed above. The work was found to be consistent with preservation guidelines. The following conditions apply to this certificate of appropriateness: N/A

All work must be done in a craftsman-like manner, and must be completed within one year of the date this certificate was issued. Staff must approve any changes or additions to this certificate before work begins. Work that is not completed in accordance with this certificate may be subject to correction orders or citations. If you require technical assistance, please contact hpc@milwaukee.gov.

If permits are required, you are responsible for obtaining them from the Milwaukee Development Center. If you have questions about permit requirements, please consult the Development Center's web site, www.milwaukee.gov/lms, or call (414) 286-8210.

City of Milwaukee Historic Preservation Staff

Copies to: Development Center, Ald. Rainey, Ald. Stamper

24 pages total



Gordon Solutions

Commercial Construction

NATIVE AMERICAN OWNED AND OPERATED



EBE Certified - MBE Certified – SBE Certified

Transmittal

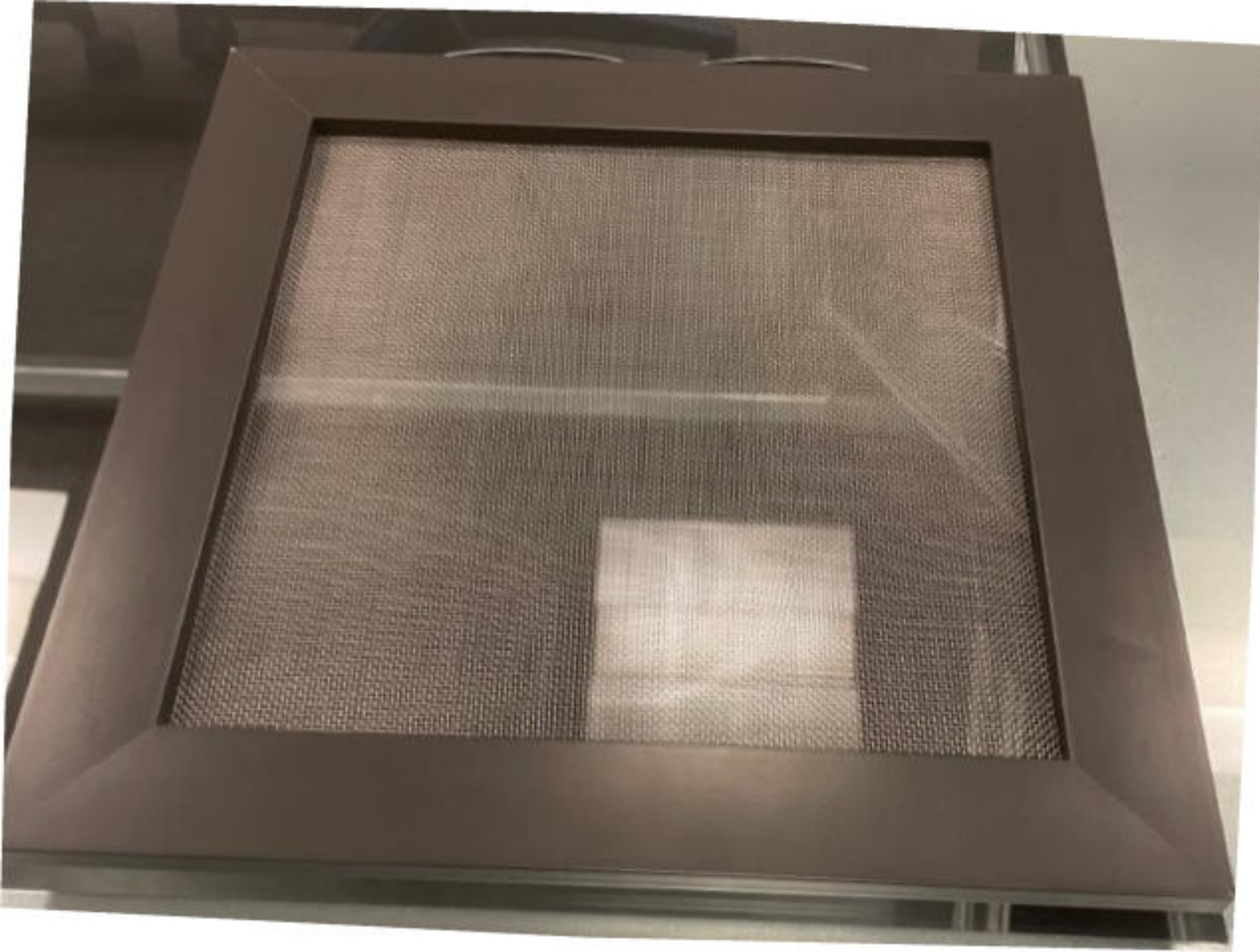
To: Ryan Kaplanek
CC: Emmanuel Perez
From: Gordon Solutions, LLC Date:
5/2/2023
Re: Esser 11 MPS - Townsend and
Washington High Schools

We are sending you:

Material	Brand	Type	Quantity
Physical Sample	Tapco	700 Series	1
Product Drawings	Tapco	700 Series	1

7500 N. Teutonia Ave. Milwaukee, WI 53209

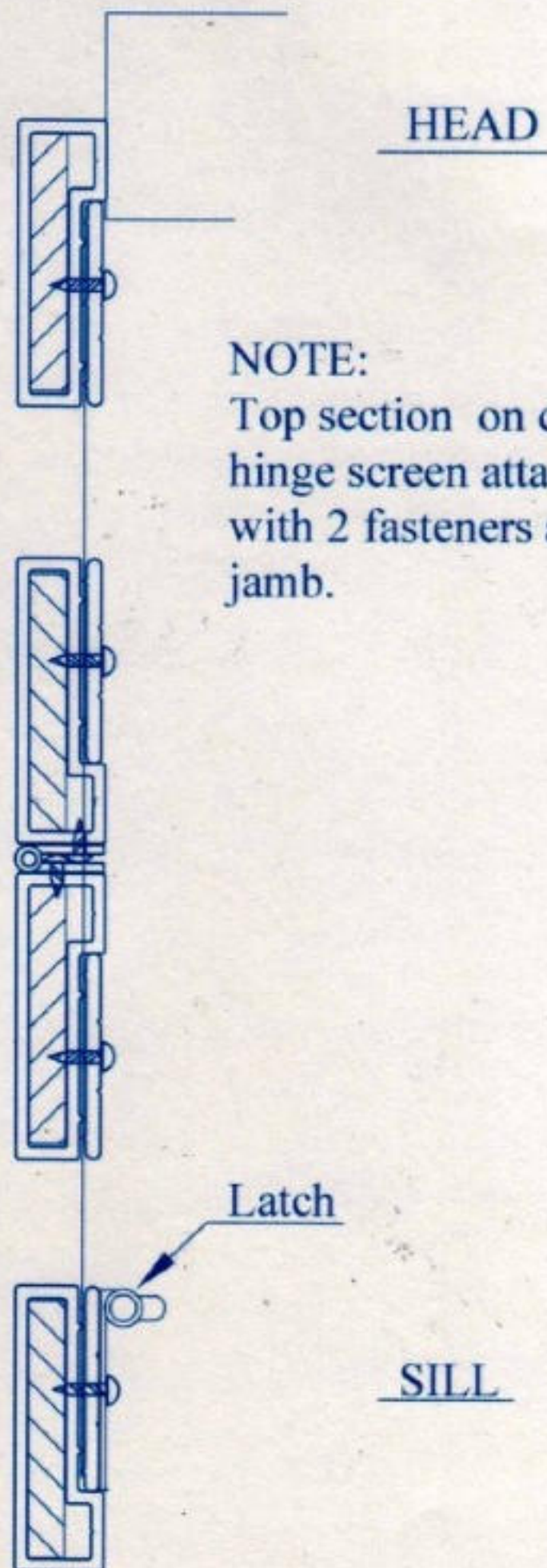
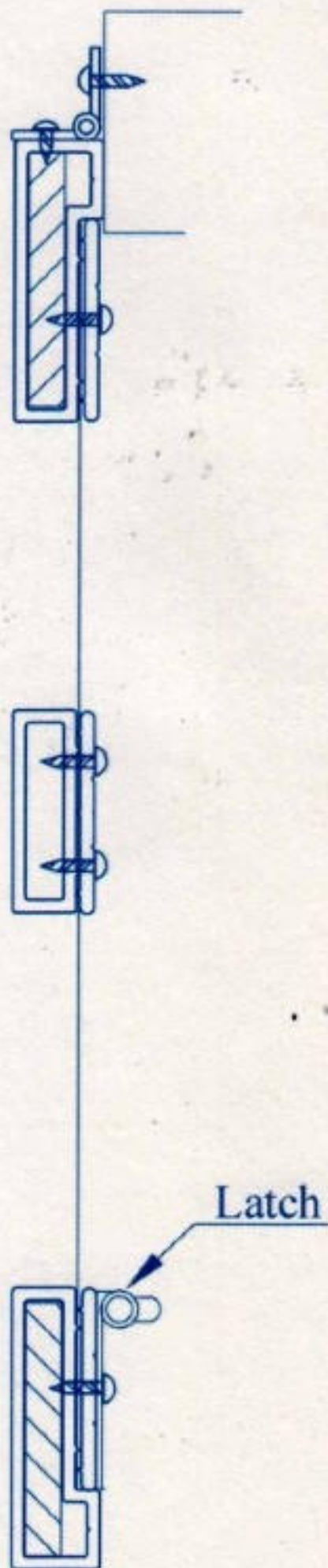
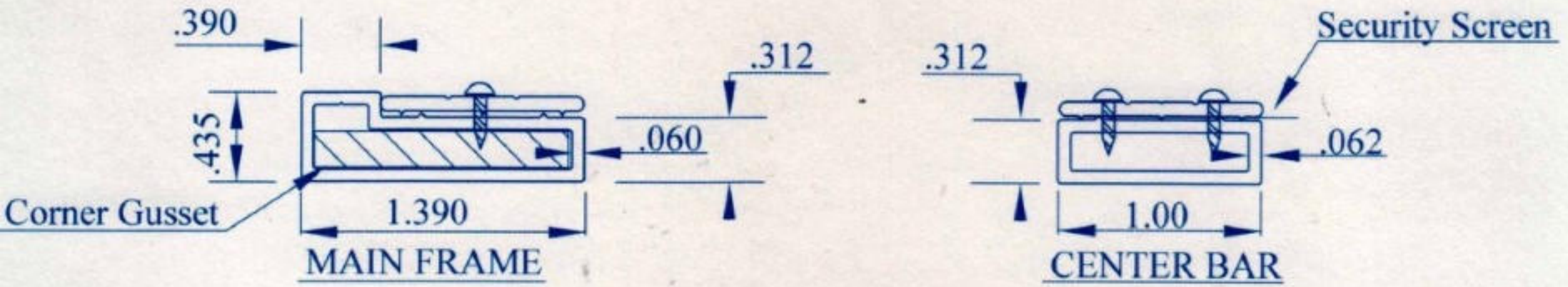
Office: 262-457-7873 Cell: 414-630-4142 Fax: 262-457-7888 Email: info@gordonsolutionsllc.com



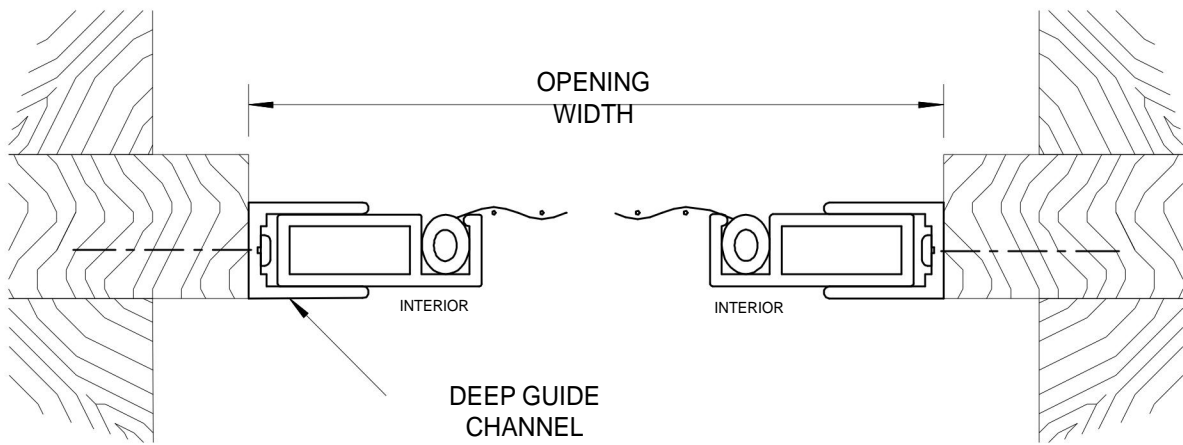


TAPCO, INC.

SERIES # 700



NOTE:
Top section on center hinge screen attached with 2 fasteners at each jamb.



3 Install Detail



PHIFER
INCORPORATED

P. O. Box 1700
Tuscaloosa, AL 35403-1700 USA
Phone: 205-345-2120
Fax: 205-759-4450

PRODUCT DATA SHEET

Product Description:

Stainless Steel Screen, SeeVue, Black Polyester

<u>Property</u>	<u>Test Method</u>	<u>Results</u>
Mesh (ends/inch)	ASTM D 3775	
a) Warp		17.00 – 18.25
b) Fill		17.00 – 18.25
Coated Diameter (in.)	ASTM B 557	.007 - .009
Wire Tensile Strength	ASTM B 557	210ksi – 280ksi
% Elongation	ASTM B 557	1% - 10%
Stiffness (mg)	ASTM D 3656	
a) Warp		1000 - 2600
b) Fill		1000 - 2600
Mesh Weight (oz/yd sq)	ASTM D 3776	6.0 – 8.0
Openness (%)	TMS-TM-009	68 – 76
Fabric Thickness (in.)	ASTM D 1777	.013 - .018

Note: The above information is derived from typical test results. The performance characteristics may vary according to product application, operating conditions, materials applied to or with use.

Approved by: Ryan Fincher

Date: 07/17/2018



Gordon Solutions

Commercial Construction

NATIVE AMERICAN OWNED AND OPERATED



EBE Certified - MBE Certified – SBE Certified

Transmittal

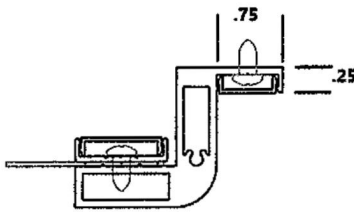
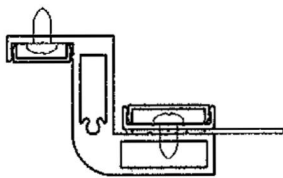
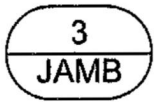
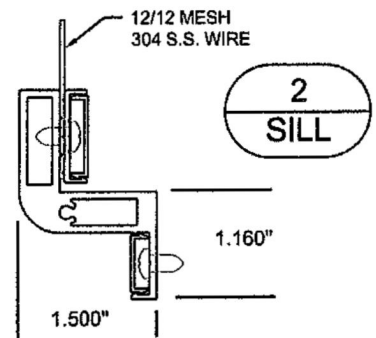
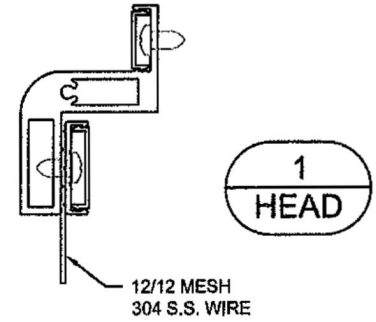
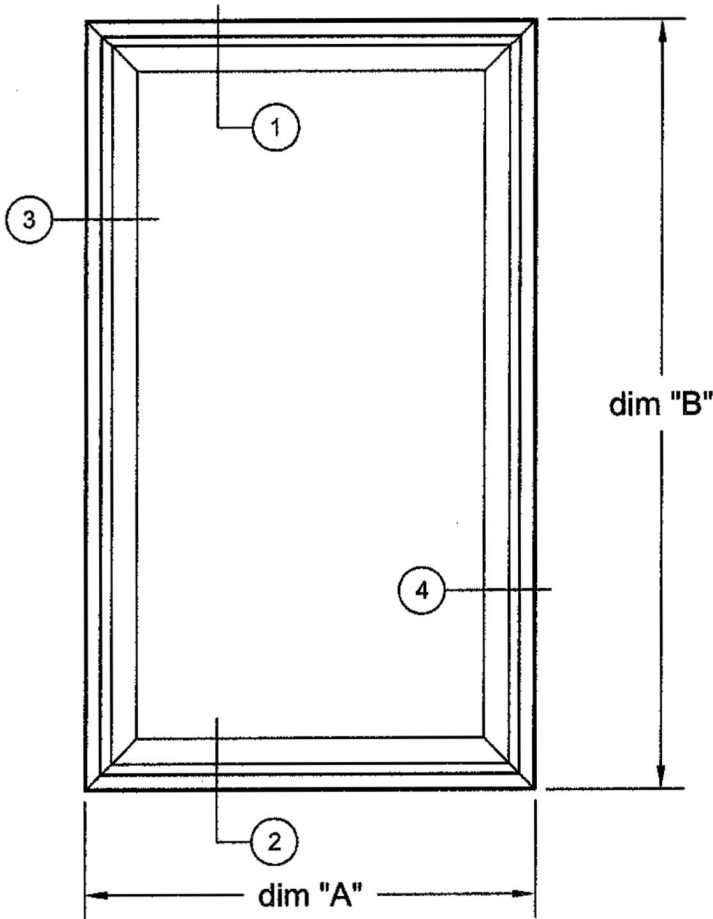
To: Ryan Kaplanek
CC: Emmanuel Perez
From: Gordon Solutions, LLC
Date: 12-21-2022
Re: Esser 11 MPS Multiple Locations

We are sending you:

Material	Brand	Type	Quantity
Physical Sample	Tapco	223 Series	1
Product Data	Tapco	223 Series	1

7500 N. Teutonia Ave. Milwaukee, WI 53209

Office: 262-457-7873 Cell: 414-630-4142 Fax: 262-457-7888 Email: info@gordonsolutionsllc.com



Without Tubing Install

Security Screen Details and Notes

TAPCO Series: #223—Fixed

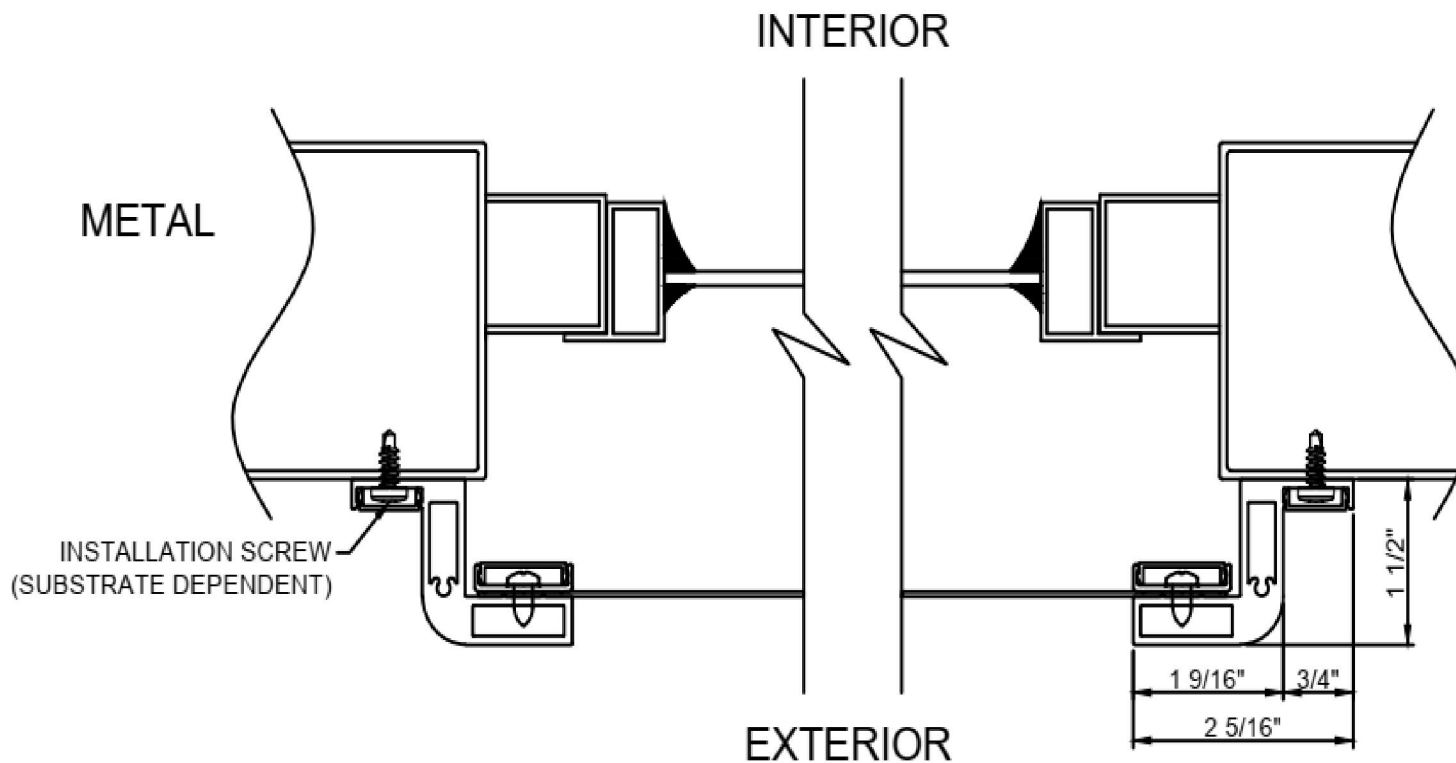
- Frame Color— Per approved color submittal

Wire: .028 SST Mesh

- Wire Color— Black

All measurements verified in field

TAPCO #223 SERIES (FIXED) SECURITY SCREEN INSTALLATION DIAGRAM



Schools—Without Tubing Install
Project # - All Projects (as needed)
Location: All Schools (as needed)

Cover Sheet

TAPCO
SCREENS
HURRICANE • SECURITY

With Tubing Install

Security Screen Details and Notes

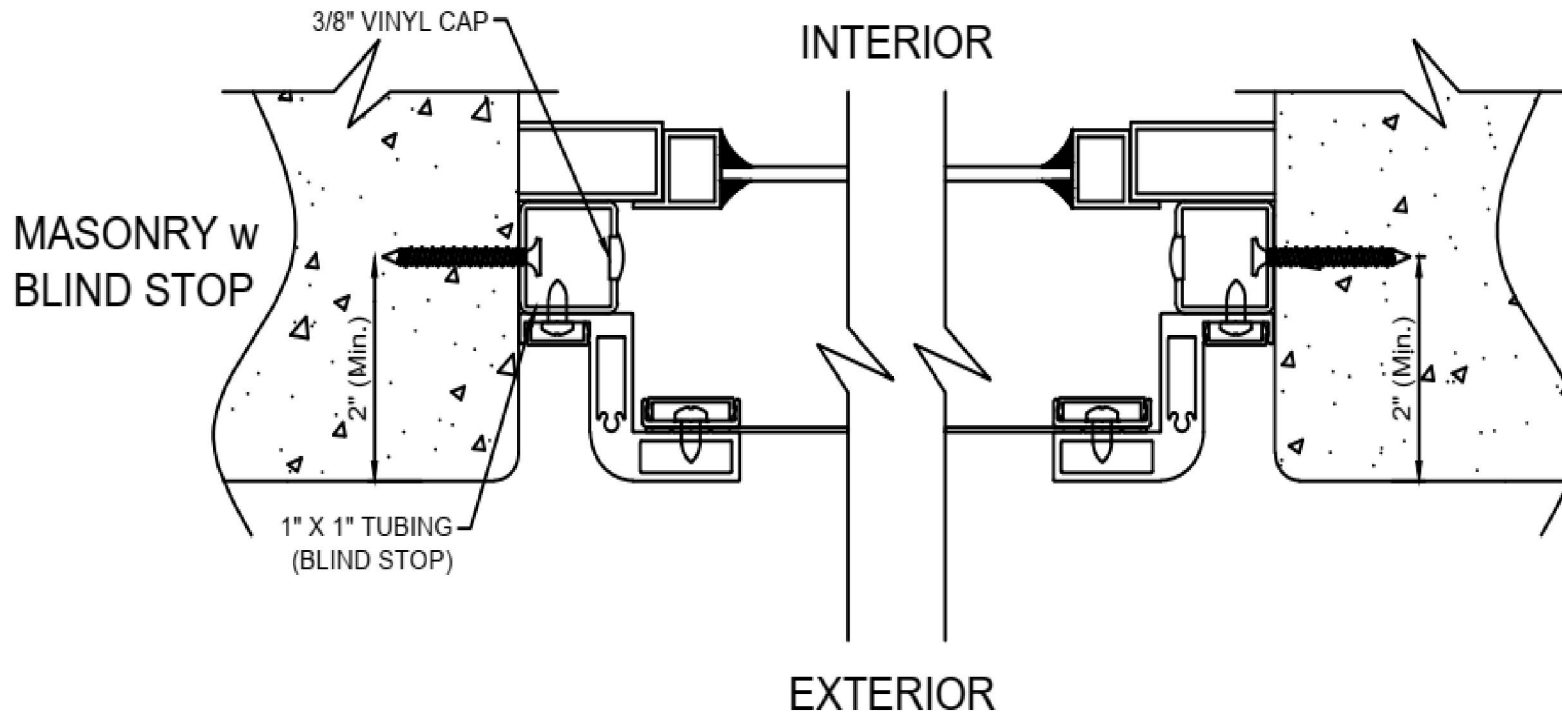
TAPCO Series: #223—Fixed

- Frame Color— Per approved color submittal

Wire: .028 SST Mesh

- Wire Color— Black

All measurements verified in field



Schools—With Tubing Install

Project # - All Projects (as needed)

Location: All Schools (as needed)

Cover Sheet



1813 McCullough Blvd. 38801 ~ Post Office Box 1427 38802 ~ Tupelo, Ms 38802 ~ Phone 800-737-8272 ~ Fax ~ 662-844-8511

SECURITY SCREEN SPECIFICATIONS
#223-SH FIXED SERIES

MATERIALS:

- A. **Main Frame:** Extruded aluminum 6063-T5, 2.260" x 1.50", .080 wall thickness.
- B. **Corner Gussets:** Shall be .270 solid aluminum.
- C. **Center Bar:** Applies where and if needed.
- D. **Wire Mesh:** .035 or .028 Stainless steel wire with 1000 hr powder coat.
- E. **Anchor Bar:** Extruded aluminum 6063-T5, 1" Wide x .060 wall thickness.
with vinyl cover.
- F. **Snap-On Cover:** Extruded aluminum 6063-T5, .614" wide x .040 wall thickness.
To conceal install screws.
- G. **Hinge:** None
- H. **Latch:** None
- I. **Weather Stripping:** None
- J. **Finish:** Mill Finish, Bronze, White, Almond, Special Finish upon request.



Gordon Solutions

Commercial Construction

NATIVE AMERICAN OWNED AND OPERATED



EBE Certified - MBE Certified – SBE Certified

Transmittal

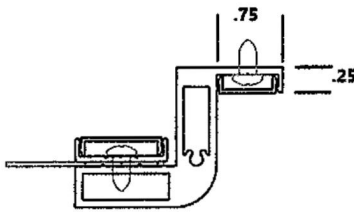
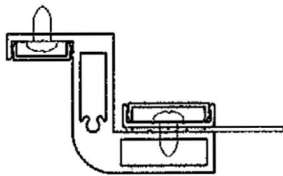
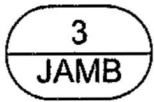
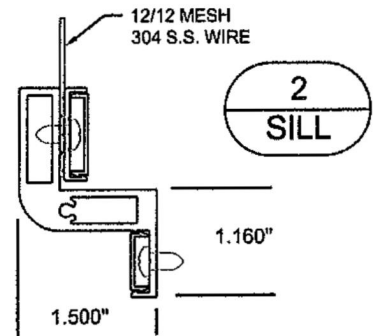
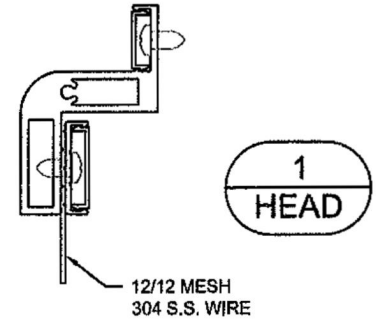
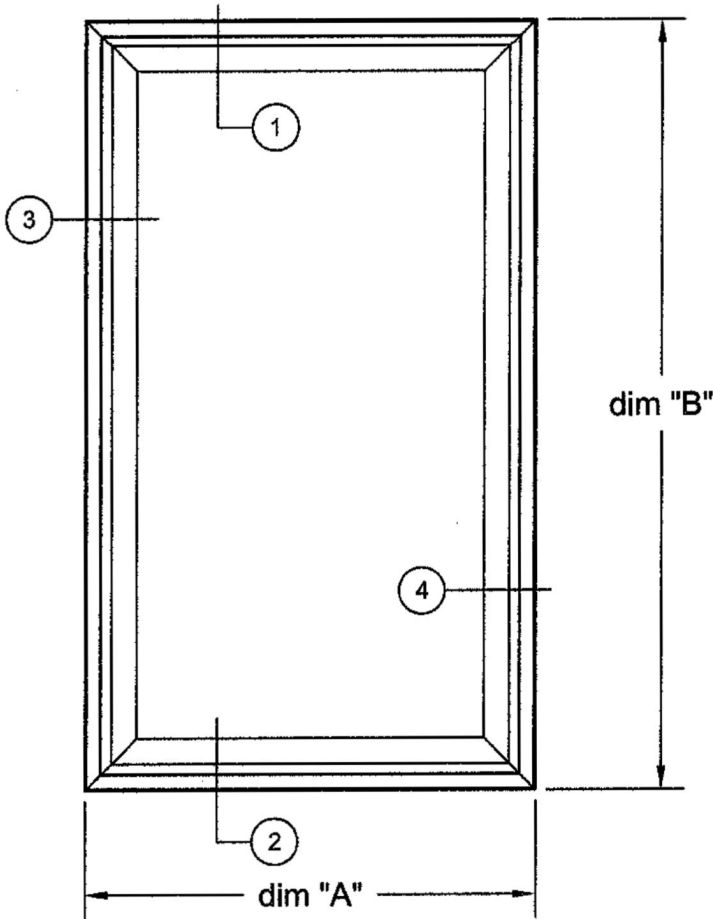
To: Ryan Kaplanek
CC: Emmanuel Perez
From: Gordon Solutions, LLC
Date: 12-21-2022
Re: Esser 11 MPS Multiple Locations

We are sending you:

Material	Brand	Type	Quantity
Physical Sample	Tapco	223 Series	1
Product Data	Tapco	223 Series	1

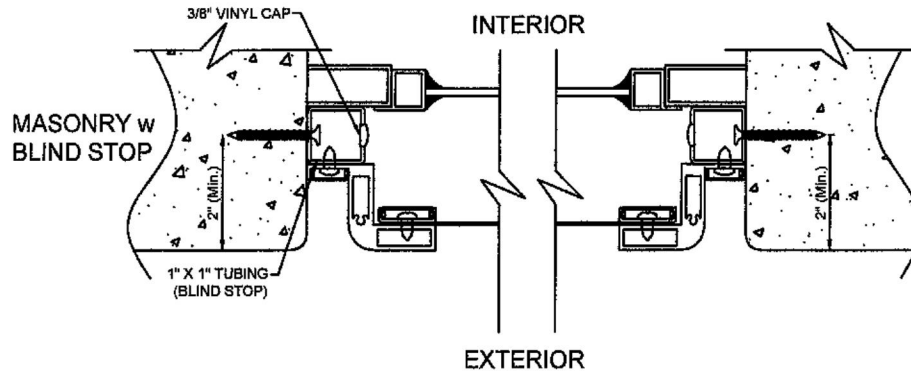
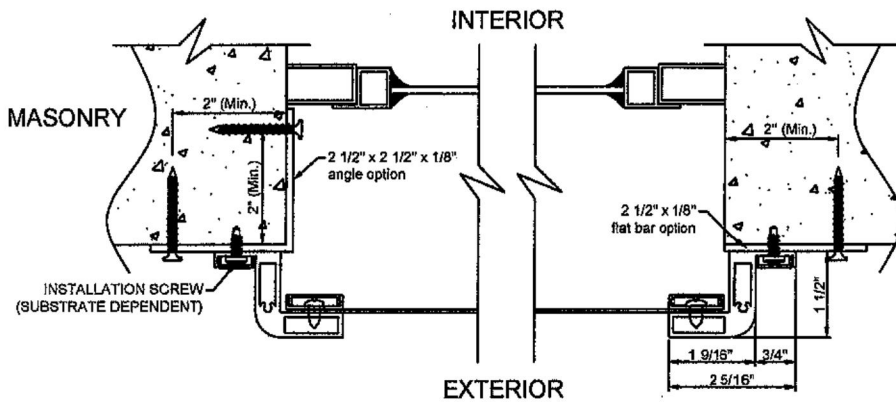
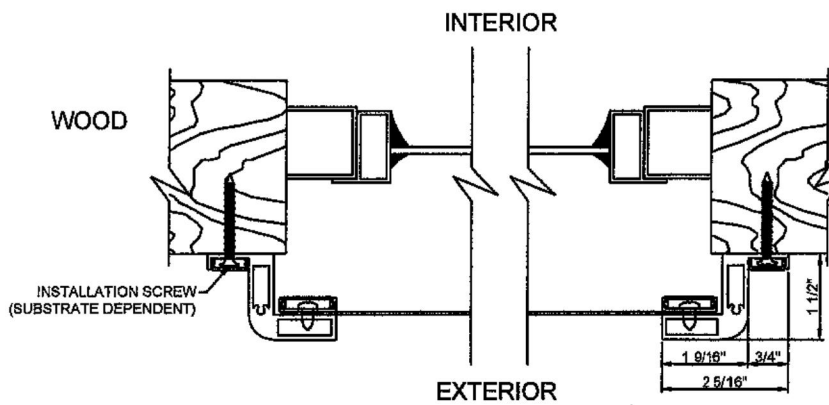
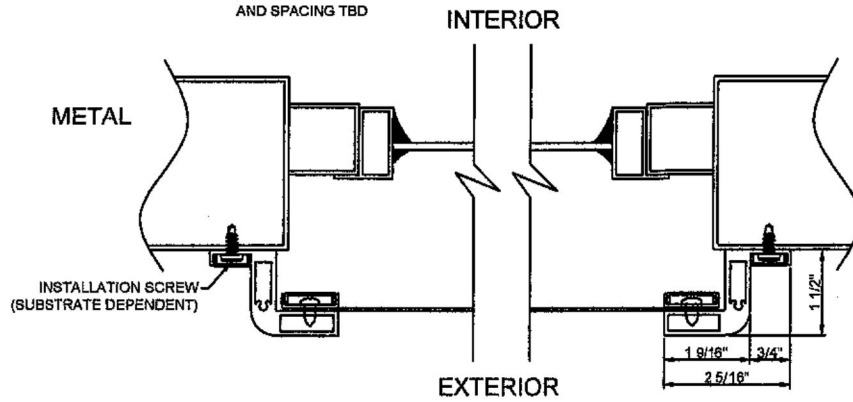
7500 N. Teutonia Ave. Milwaukee, WI 53209

Office: 262-457-7873 Cell: 414-630-4142 Fax: 262-457-7888 Email: info@gordonsolutionsllc.com



TAPCO #223 SERIES (FIXED) SECURITY SCREEN INSTALLATION DIAGRAM

FASTENER - TYPES
AND SPACING TBD





1813 McCullough Blvd. 38801 ~ Post Office Box 1427 38802 ~ Tupelo, Ms 38802 ~ Phone 800-737-8272 ~ Fax ~ 662-844-8511

SECURITY SCREEN SPECIFICATIONS
#223-SH FIXED SERIES

MATERIALS:

- A. **Main Frame:** Extruded aluminum 6063-T5, 2.260" x 1.50", .080 wall thickness.
- B. **Corner Gussets:** Shall be .270 solid aluminum.
- C. **Center Bar:** Applies where and if needed.
- D. **Wire Mesh:** .035 or .028 Stainless steel wire with 1000 hr powder coat.
- E. **Anchor Bar:** Extruded aluminum 6063-T5, 1" Wide x .060 wall thickness.
with vinyl cover.
- F. **Snap-On Cover:** Extruded aluminum 6063-T5, .614" wide x .040 wall thickness.
To conceal install screws.
- G. **Hinge:** None
- H. **Latch:** None
- I. **Weather Stripping:** None
- J. **Finish:** Mill Finish, Bronze, White, Almond, Special Finish upon request.



March 31st, 2023

State Historic Preservation Office

Attention: Paul Porter
816 State Street
Madison, WI 53706

RE: Project Name: Washington High School
2525 N. Sherman Blvd.
Milwaukee, WI 53210
Quorum Architect's Project Number: 21026.00

Washington High School is a 4-story masonry building with wood, double-hung windows at the original 1915 building and painted aluminum hopper windows at the 1969 addition. As a part of the ESSER II (Elementary and Secondary School of Emergency Relief) scope of work, emergency funding by CRRSAA (Coronavirus Response and Relief Supplemental Appropriations Act) has been provided to address the impact of COVID-19 on elementary and secondary schools. To address the Priority Areas of ESSER II funding, which include accelerated learning, health & wellness, and facilities, we are proposing to install insect screens and security screens across all facades to varying degrees. By providing insect screens, we are blocking unwelcome pests from entering the building as well as directly improving the natural ventilation within the classrooms to make for a cleaner environment. By providing security screens, we are improving the overall safety and welfare of the students and staff by creating a more secure environment.

Insect screens are to be provided at all operable portions of the second, third and fourth floor exterior windows, and are to be secured into the window frame as shown in the attached details.

Security screens are to be provided at all areas prone to security issues. They also double as insect screens where the underlying window is operable. Locations of security screens include first-floor windows as well as second-floor windows that are lower than 10'-0" above grade, along easily accessible roof planes, and at fire escapes. They are to be fixed in place by securing into the sides of the masonry or wood opening to create a reveal mount as shown in the attached details. The security screens are to be divided to reflect the geometry of the existing window beyond, particularly at meeting rails, etc.

The primary façade along Sherman Blvd. does not require any security screens, therefore it will have a very minimal visual impact.

All the damaged and unsightly screens are to be replaced with new screens. The aluminum frame system basis of design product is Tapco with a bronze frame finish and an anodized screen finish.

Refer to attachments for screen locations and applications.

Quorum Architects, Inc.



Architectural Design • Interior Design • Site Design

3112 West Highland Blvd • Milwaukee, Wisconsin 53208 • ph. 414-265-9265 • fax. 414-265-9465 • www.quorumarchitects.com



Washington: East Elevation Sherman Blvd (Primary Facade)

2525 N Sherman Blvd
Milwaukee, WI 53210

Location of Proposed **Insect Screens**

Location of Proposed **Security Screens**



Quorum Architects, Inc.
© 2021 Quorum Architects, Inc.



Washington: East Elevation Sherman Blvd (Primary Facade)

2525 N Sherman Blvd
Milwaukee, WI 53210

Architect's Rendering of the Proposed Screens
Installed



Washington: North Elevation

2525 N Sherman Blvd
Milwaukee, WI 53210

Location of Proposed Insect Screens
Location of Proposed Security Screens



existing security screens to remain

existing security screens to remain

Washington: West Elevation

2525 N Sherman Blvd
Milwaukee, WI 53210

Location of Proposed **Insect Screens**
Location of Proposed **Security Screens**



Washington: East Elevation Sherman Blvd

2525 N Sherman Blvd
Milwaukee, WI 53210

Photograph of Proposed Color and Material Sample

