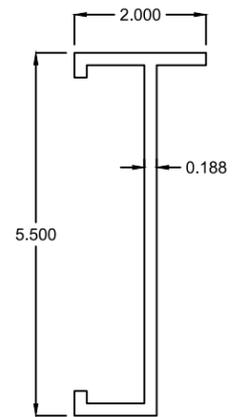
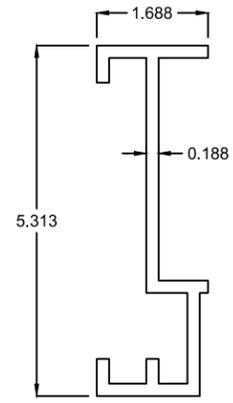


BILL OF MATERIALS

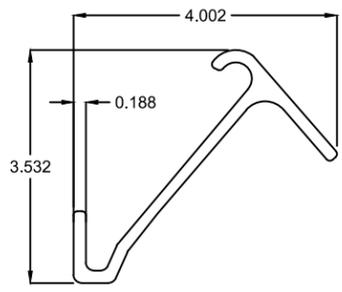
Part #, Description	Material
1. (UE#1516) Head/Sill	6063-T6 extruded alum.
2. (UE# 1515) Jamb	6063-T6 extruded alum.
3. (UE# 1517) Blade	6063-T6 extruded alum.
4. (UE# 1095) Blade Brace	1/4" THK. 3003-H14 formed alum.
5. (UE# 1095) Blade Assy. Core	1/4" THK. 3003-H14 alum.
6. (UE# 4896) Bird Screen	18 ga x 1/2" Expanded Stainless Steel
7. (UE# 4691) Installation Angle (2X7)	6063-T5 EXTRUDED ALUMINUM ANGLE
8. (UE# 3952) Installation Angle (2X4)	6063-T5 EXTRUDED ALUMINUM ANGLE
9. Wall Extension Angle (4X8x3/8" HRS)	3/8" THK. HRS-Galvanized
9A. Wall Extension Angle (4X4x1/4" HRS-Galv.)	1/4" THK. HRS-Galvanized



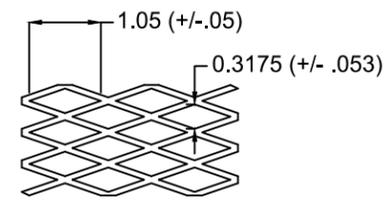
① HEAD/SILL



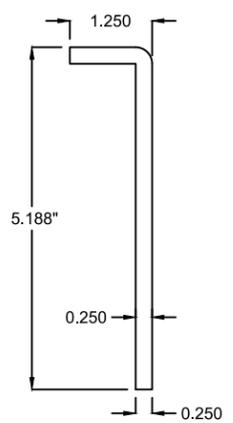
② JAMB



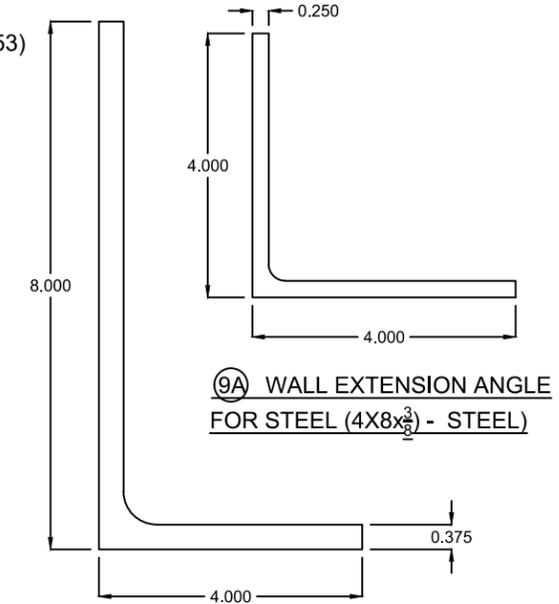
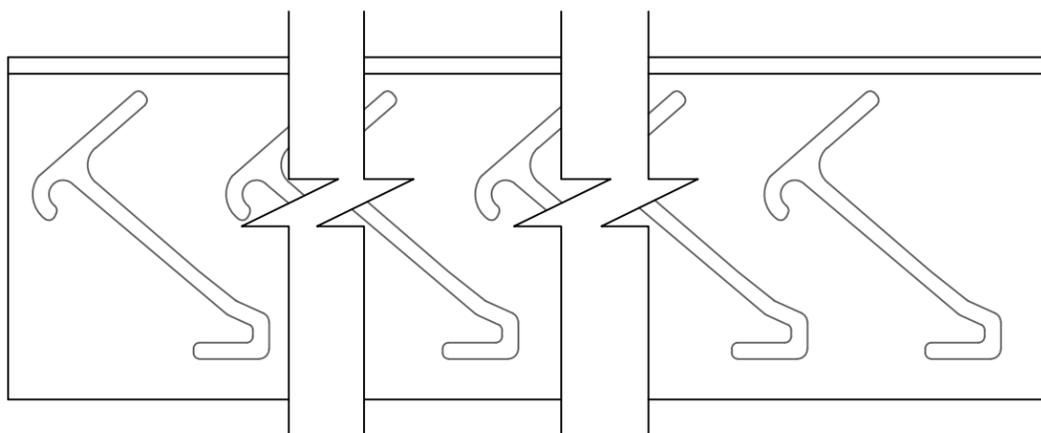
③ BLADE



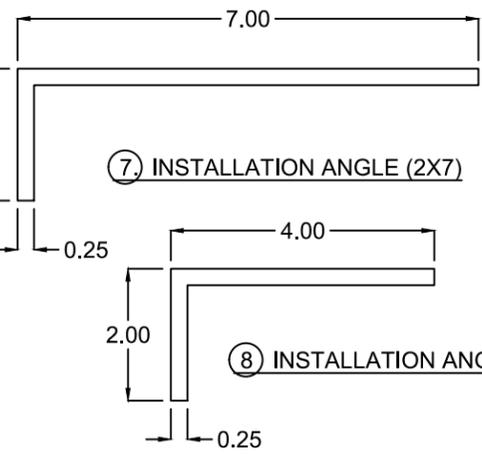
⑥ BIRD SCREEN



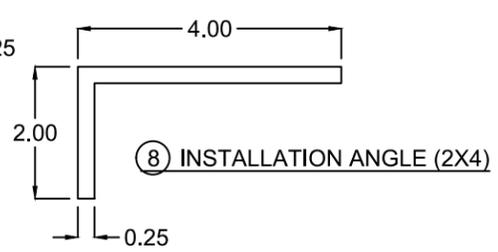
④ BLADE BRACE



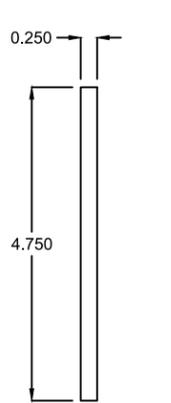
⑨ WALL EXTENSION ANGLE FOR CONCRETE (4X8x3/8) - STEEL



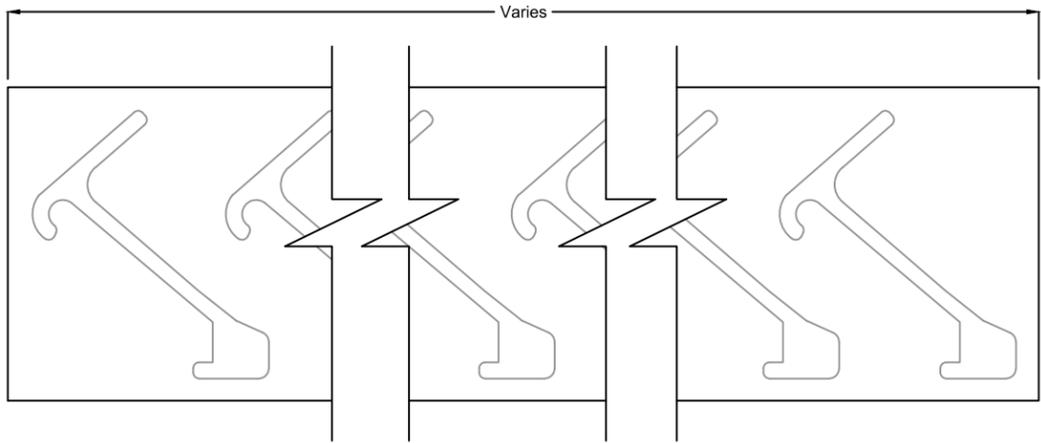
⑦ INSTALLATION ANGLE (2X7)



⑧ INSTALLATION ANGLE (2X4)



⑤ BLADE ASSEMBLY CORE



Notes:

Approved By:

FEMA-5WD (FEMA 361, ICC-500, ASTM E330)
(Component Parts)

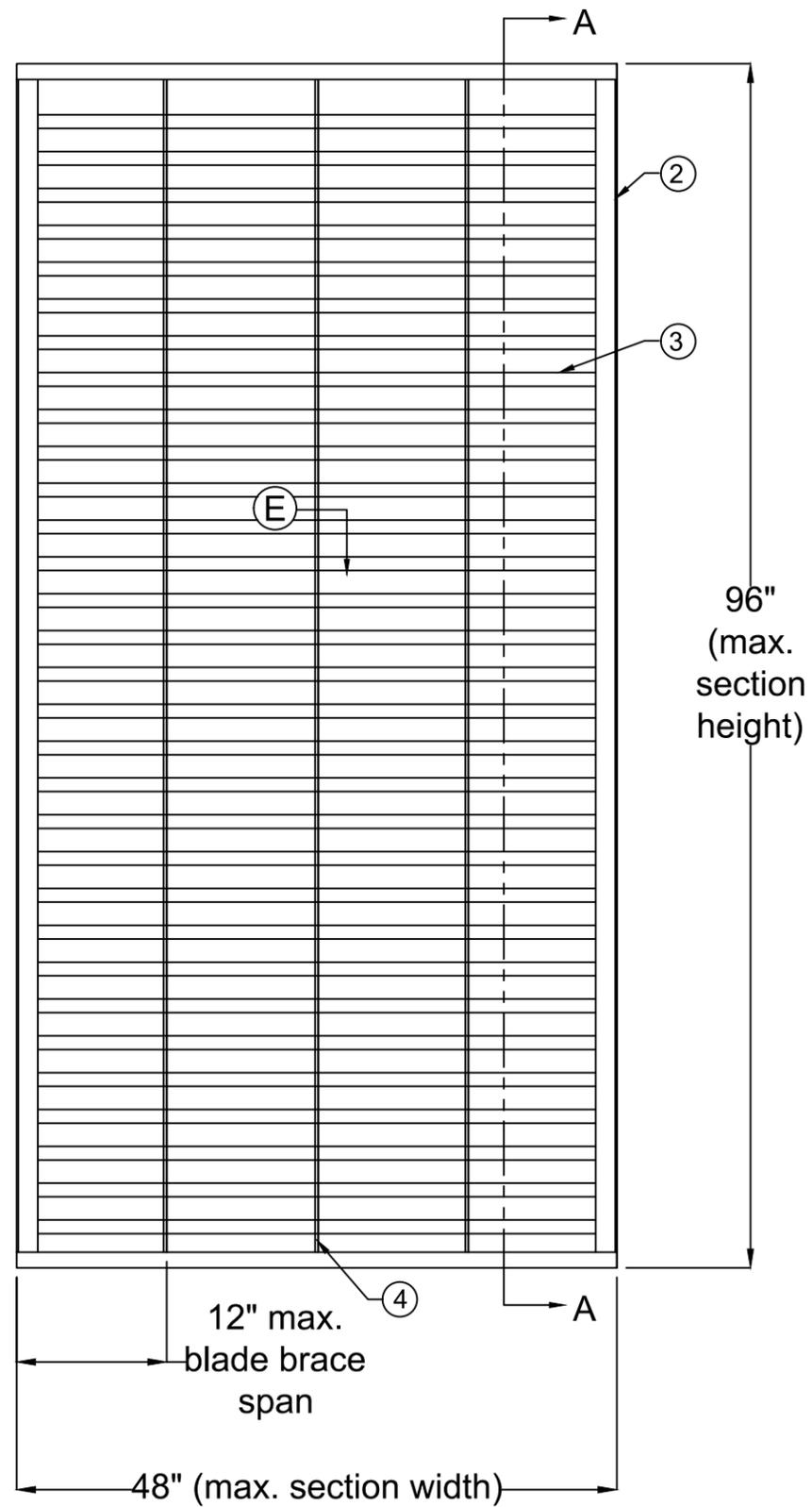
Date: 7/18/24 (rev.2)

Drawn By: C. Jackson

Dwg. FEMA5WD-0001

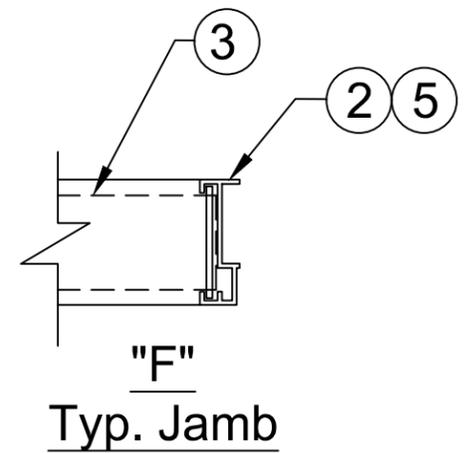
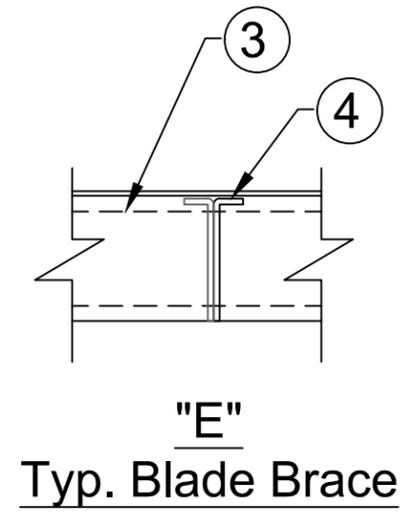
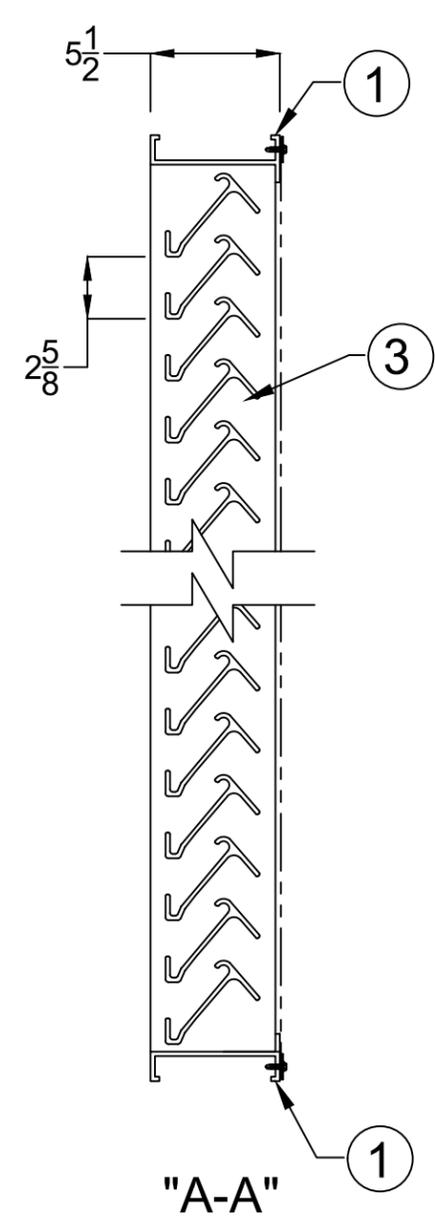
pg. 1 of 6





FEMA-5WD size criteria				
Min. Width	Min. Height	Max. Section Width	Max. Height	*Design wind load (max psf)
12"	12"	48"	96"	+/- 300

Qualifies unlimited multi-section widths (48" max. width panels) x 96" height
 *Note: Proof load in ASTM E330 test will be +/- 360 psf



Notes:

Approved By:

FEMA-5WD
Elevation, Size Criteria

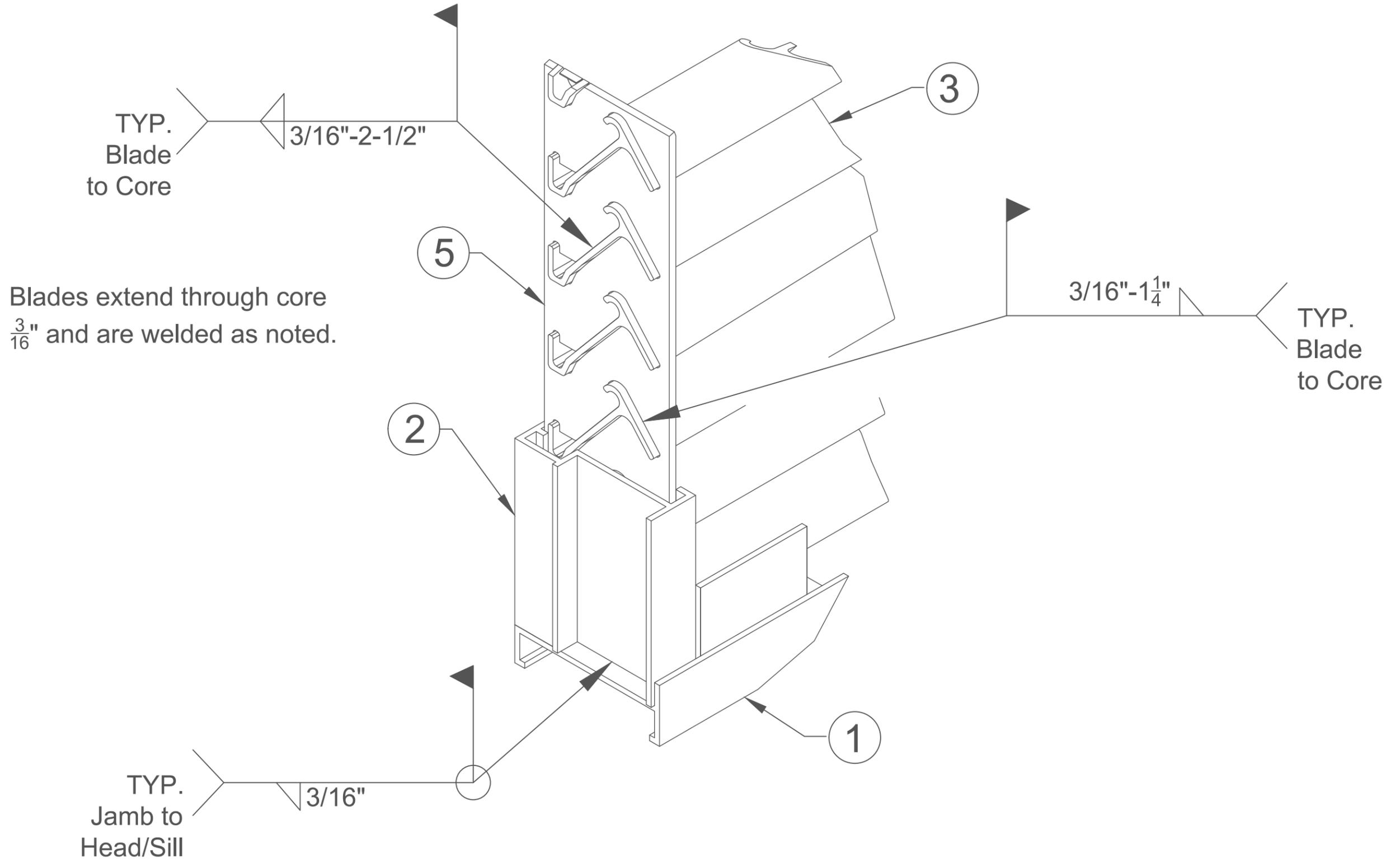
Date: 7/18/24 (rev.2)

Drawn By: C. Jackson

Dwg. FEMA5WD-0001

pg. 2 of 6



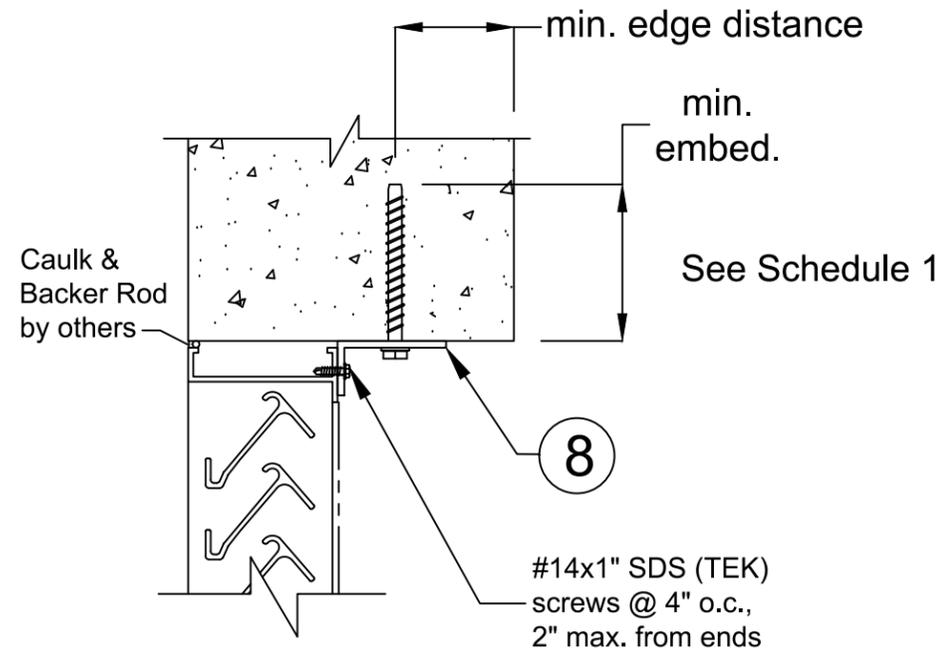
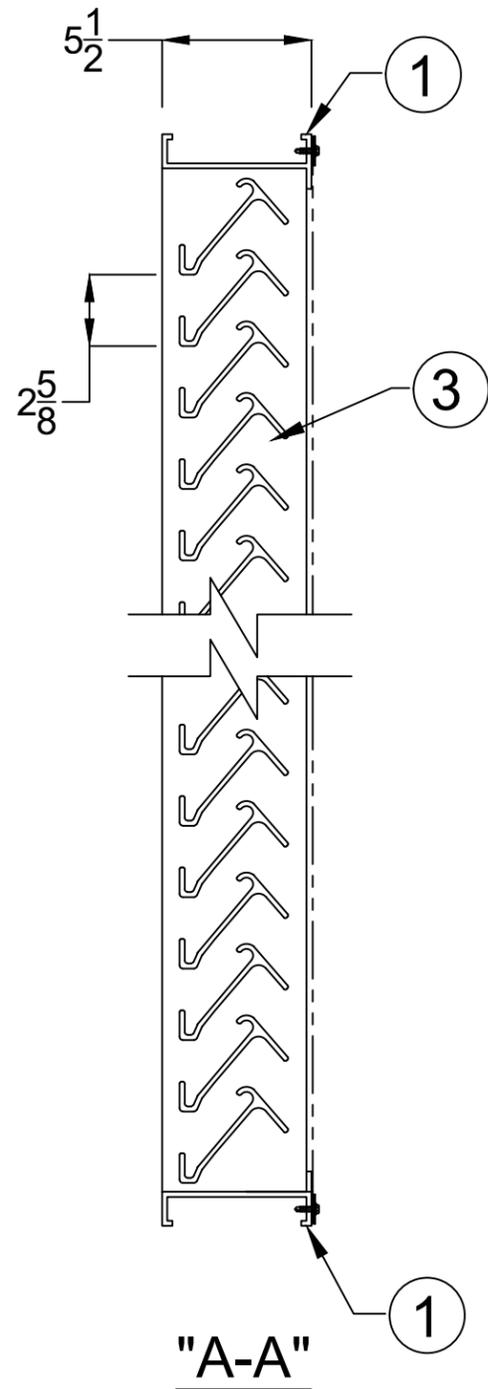


Notes:

Approved By:

FEMA-5WD Weld Details	
Date: 7/18/24 (rev.2)	Dwg. FEMA5WD-0001
Drawn By: C. Jackson	pg. 3 of 6





**TYP. HEAD/SILL
ATT. AT SUBSTRATE**

INSTALLATION SCHEDULE 1						
*Max. PSF	Specification according to substrate (Head/Sill angle attachment)					
	Concrete (min. 4000 PSI)			Steel (10 ga min.) (Fy=36 ksi)		
+/-300	Ø1/2" Simpson Strong-Tie Titen HD			Ø1/4" Tek Screws		
	Spacing	Min. Embed.	Min. Edge Distance	Spacing	Min. Embed.	Min. Edge Distance
	7" o.c.	2.5"	4"	3" o.c.	N/A	1"

All fasteners are placed 3" min. from ends of louver

*Note: Proof load in ASTM E330 test will be +/- 360 psf

Notes:

FEMA-5WD
(Standard Attachments)

Date: 7/18/24 (rev.2)

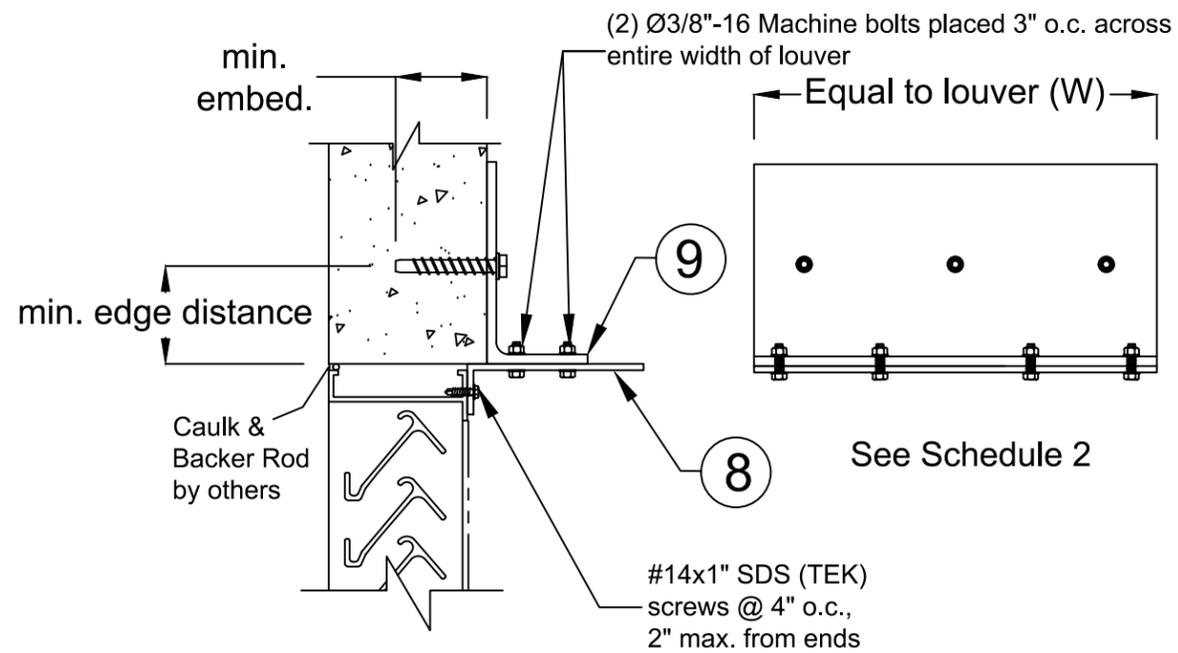
Dwg. FEMA5WD-0001

Approved By:

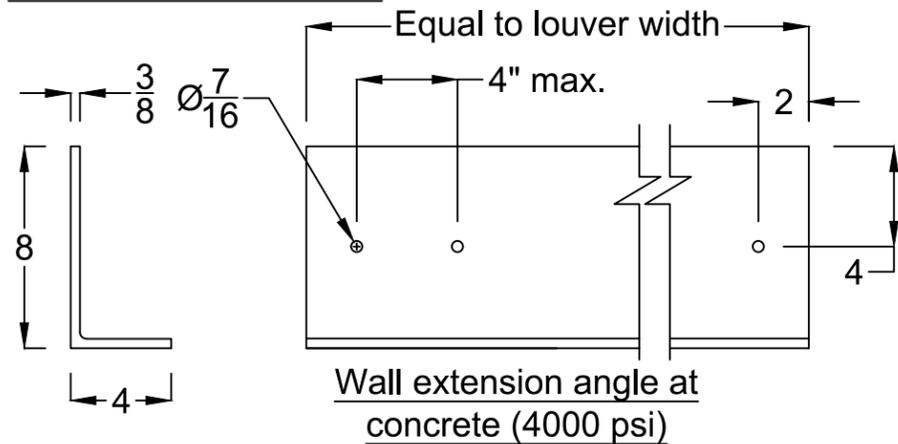
Drawn By: C. Jackson

pg. 4 of 6





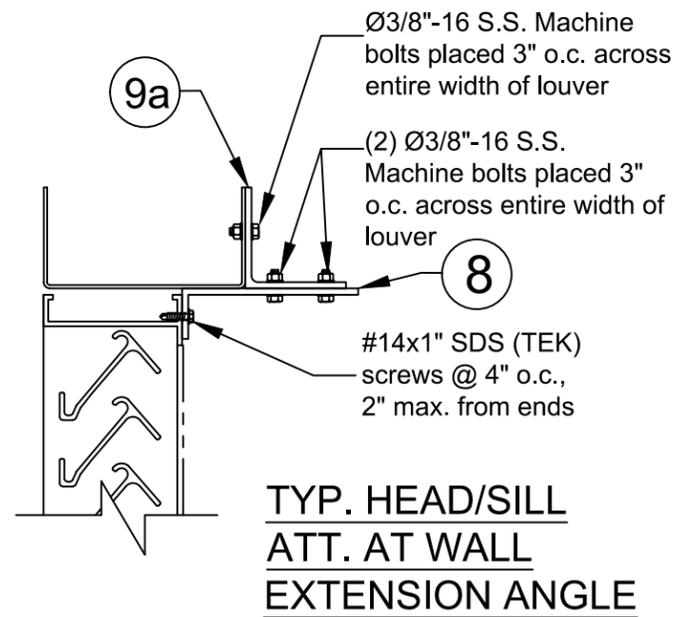
**TYP. HEAD/SILL
ATT. AT WALL
EXTENSION ANGLE**



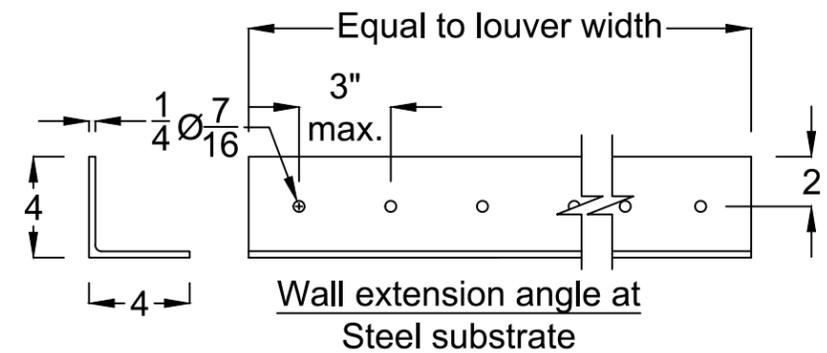
**Wall extension angle at
concrete (4000 psi)**

INSTALLATION SCHEDULE 2						
*Max. PSF	Specification according to substrate (Wall extension angles, Head/Sill)					
	Concrete (min. 4000 PSI)			Steel (10 ga min. thk.) (Fy=36 ksi)		
+/-300	Ø1/2" Simpson Strong-Tie Titen HD Screw Anchor			Ø3/8"-16 Machine Screws		
	Spacing	Min. Embed.	Min. Edge Distance	Spacing	Min. Embed.	Min. Edge Distance
	4" o.c.	4.5"	4"	3" o.c.	N/A	1"

All fasteners are placed 3" max. from ends of louver



**TYP. HEAD/SILL
ATT. AT WALL
EXTENSION ANGLE**



**Wall extension angle at
Steel substrate**

Notes:

FEMA-5WD
(Wall Extension Attachments)

Date: 7/18/24 (rev.2)

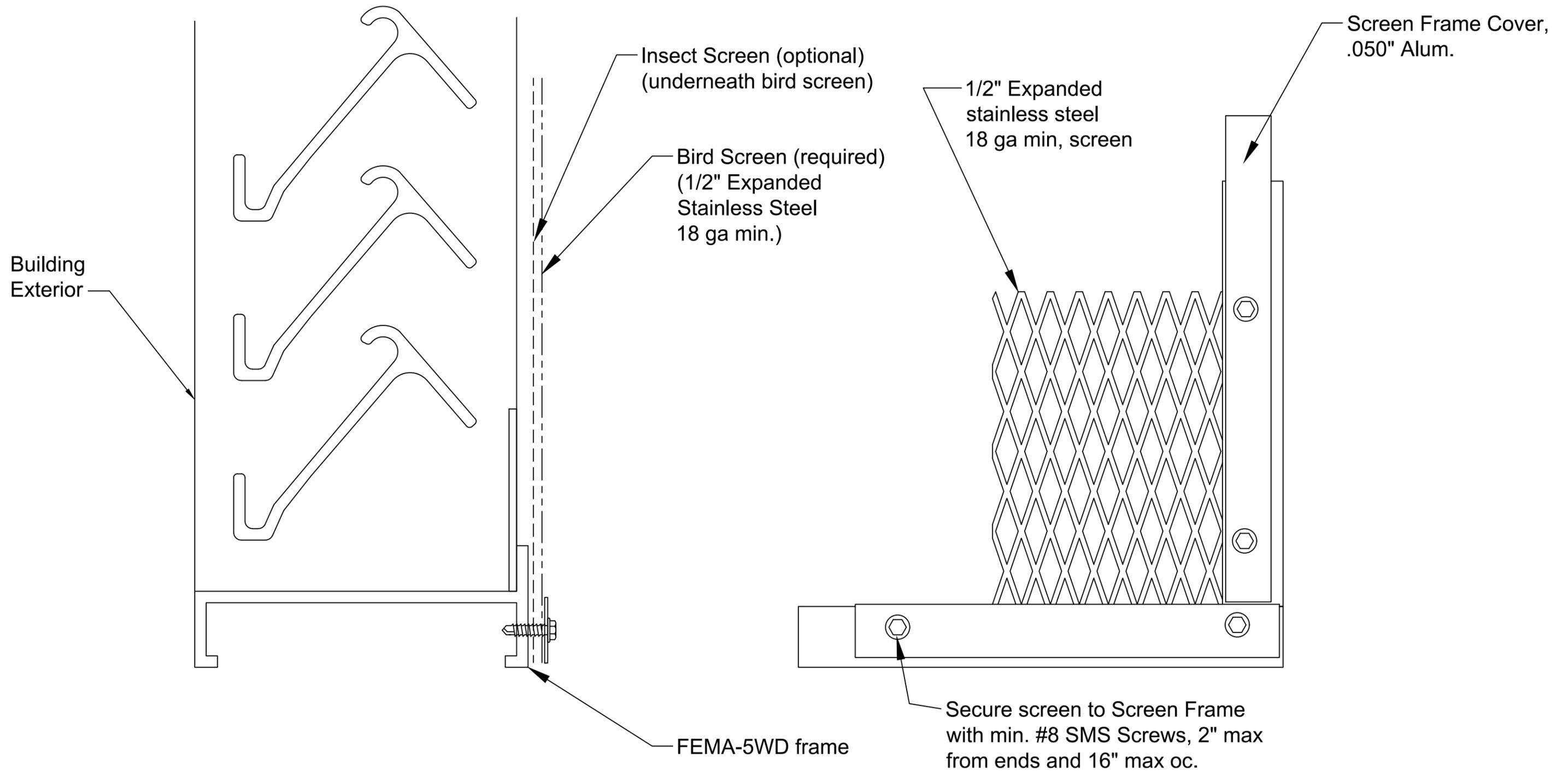
Dwg. FEMA5WD-0001

Approved By:

Drawn By: C. Jackson

pg. 5 of 6





Notes:

FEMA-5WD Screen details	
Date: 7/18/24 (rev.2)	Dwg. FEMA5WD-0001
Drawn By: C. Jackson	pg. 6 of 6



Approved By: