Installation Instructions
1600i/1655i/G2-1600i Wall Guard

Important

1. Acclimate materials 24 hrs before installation. Maintain temperature controlled environment after installation.
2. Install in accordance with manufacturer's installation instructions. Failure to do so will void the warranty.

ALUMINUM RETAINER 0.08" [2mm] SPACED @ 16" O.C.

VINYL COVER 0.08" [2mm]

6" [152mm]

#10x1 3/4" SHEET METAL SCREW WITH ALLIGATOR ANCHOR
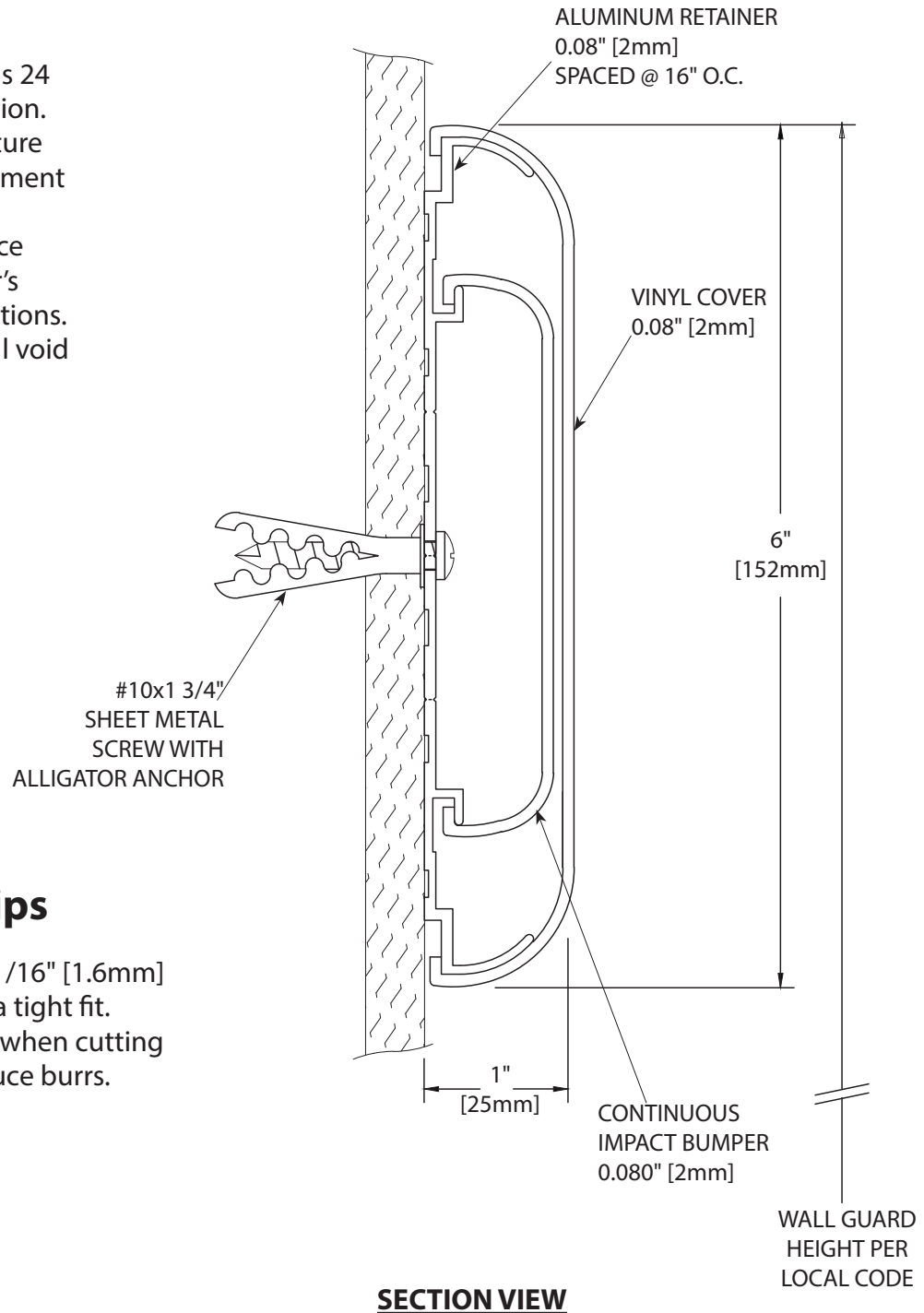
Installation tips

1. Cut covers up to 1/16" [1.6mm] longer to ensure a tight fit.
2. Lubricate blades when cutting aluminum to reduce burrs.

1" [25mm]

CONTINUOUS IMPACT BUMPER 0.080" [2mm]

WALL GUARD HEIGHT PER LOCAL CODE

SECTION VIEW

RECOMMENDED TOOLS
Safety Glasses, Tape Measure, Power Drill, Drill Bits - 1/4" masonry (concrete/concrete block), Power Miter Saw, 1O" Blade with 60-80 Carbide Tipped Teeth

Installation Instructions

Please read all instructions before installing Wall Guard.

1600i/1655i/G2-1600i Wall Guard

Components and Fasteners

1600V
VINYL COVER
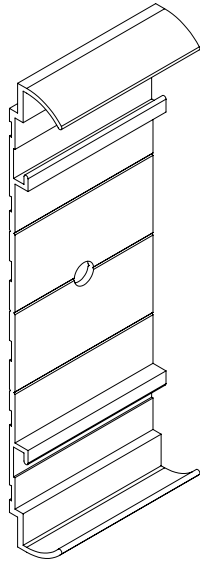
1620AI
ALUMINUM RETAINER
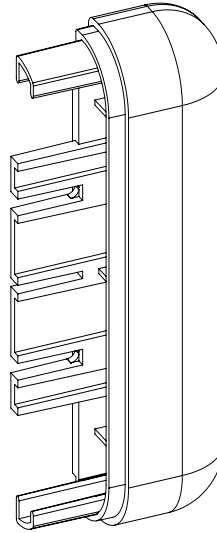
1622
END CAP
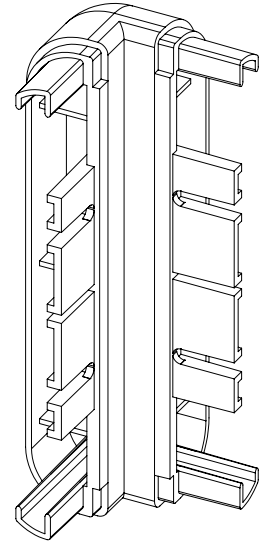
1623
OUTSIDE CORNER
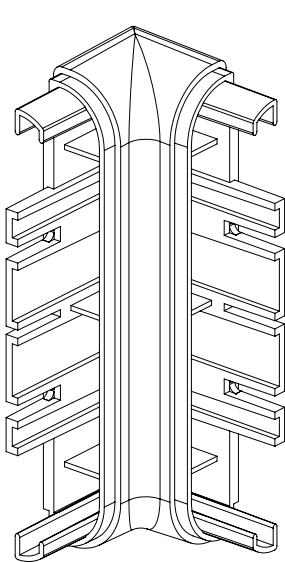
1627
INSIDE CORNER
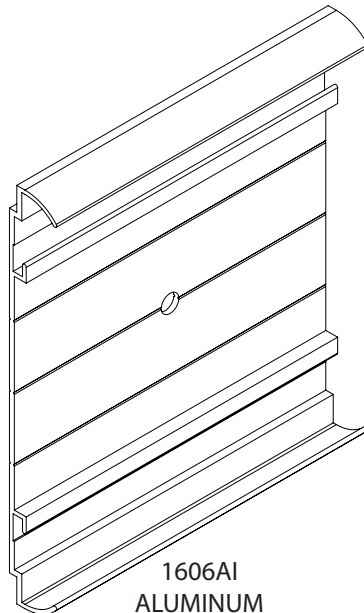
1606AI
ALUMINUM
SPLICE SUPPORT

700B
VINYL IMPACT
BUMPER
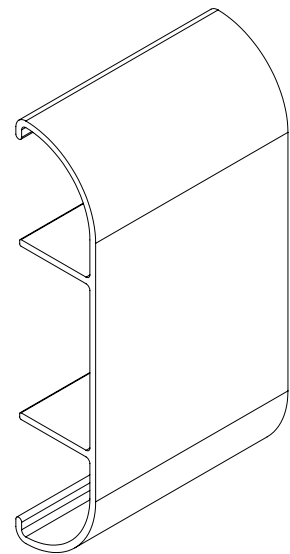
706A
ALUMINUM SPLICE

Fasteners

Wall Condition	Specified Fasteners	Inpro part #
Wall Guard Profile Hardware	#10 1 3/4" Phillips pan head sheet metal screw with alligator anchor	HWK-WG/CR
Concrete Hardware for Corners	#10 1 3/4" Phillips pan head sheet metal screw with alligator anchor	HWK-CC
Drywall Hardware for Corners	#8 x 1 1/2" Phillips Indented Hex Washer Self-Drilling Screw #2PT ZP	HWK-CDW

Installation Hotline . 866.EZINPRO

Inprocorp.com . 800.222.5556 . 262.679.9010

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Installation Instructions

1600i/1655i/G2-1600i Wall Guard

**Please read all instructions before installing Wall Guard.**

Layout View

1"
[25mm]

END CAP

DISTANCE TO BE
DETERMINED
BY INSTALLER

FIELD DIMENSION
(TYPICAL ALL WALLS)

INSIDE CORNER

OUTSIDE CORNER

1 3/8"
[35mm]

16"
[406mm]
MAX
SCREWS
ON CENTER

4"
[101.60]
MAX FIRST
SCREW LOCATION

EQUAL
SPACING

EQUAL
SPACING

DISTANCE TO BE
DETERMINED
BY INSTALLER

1 3/8"
[35mm]

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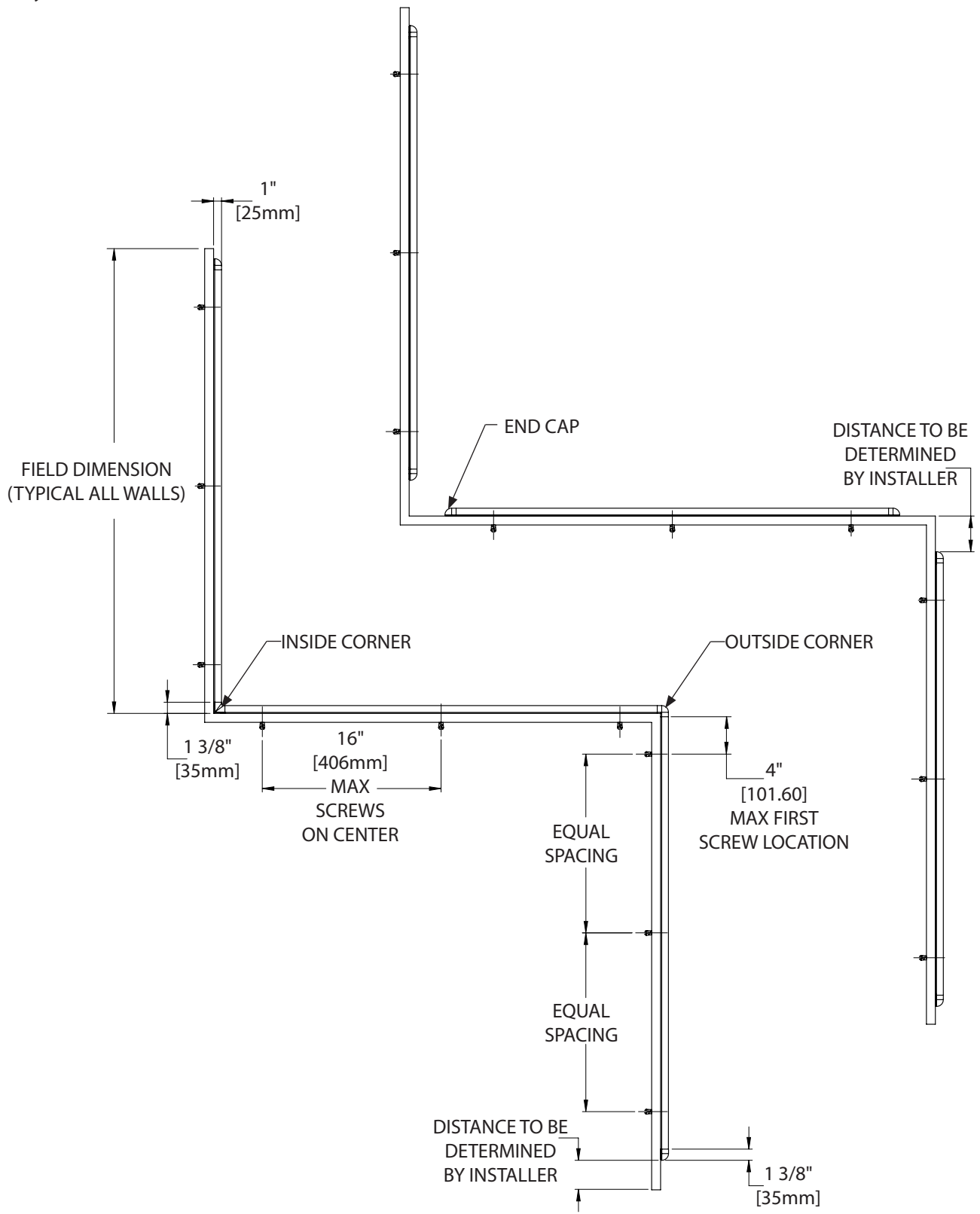
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Installation Instructions
1600i/1655i/G2-1600i Wall Guard
Exploded Assembly View

Please read all instructions before installing Wall Guard.

#8 X 1 1/2" PHILLIPS IN-DENTED HEX WASHER SELF-DRILLING SCREW

1627
INSIDE CORNER

1620AI
ALUMINUM RETAINER
0.08" [2mm]

ALLIGATOR ANCHOR

1606AI
ALUMINUM SPLICE SUPPORT

#10x1 3/4"
SHEET METAL SCREW

1600V
VINYL COVER
0.080" [2mm]

706
ALUMINUM SPLICE

1623
OUTSIDE CORNER

700B
VINYL IMPACT BUMPER

1622
END CAP

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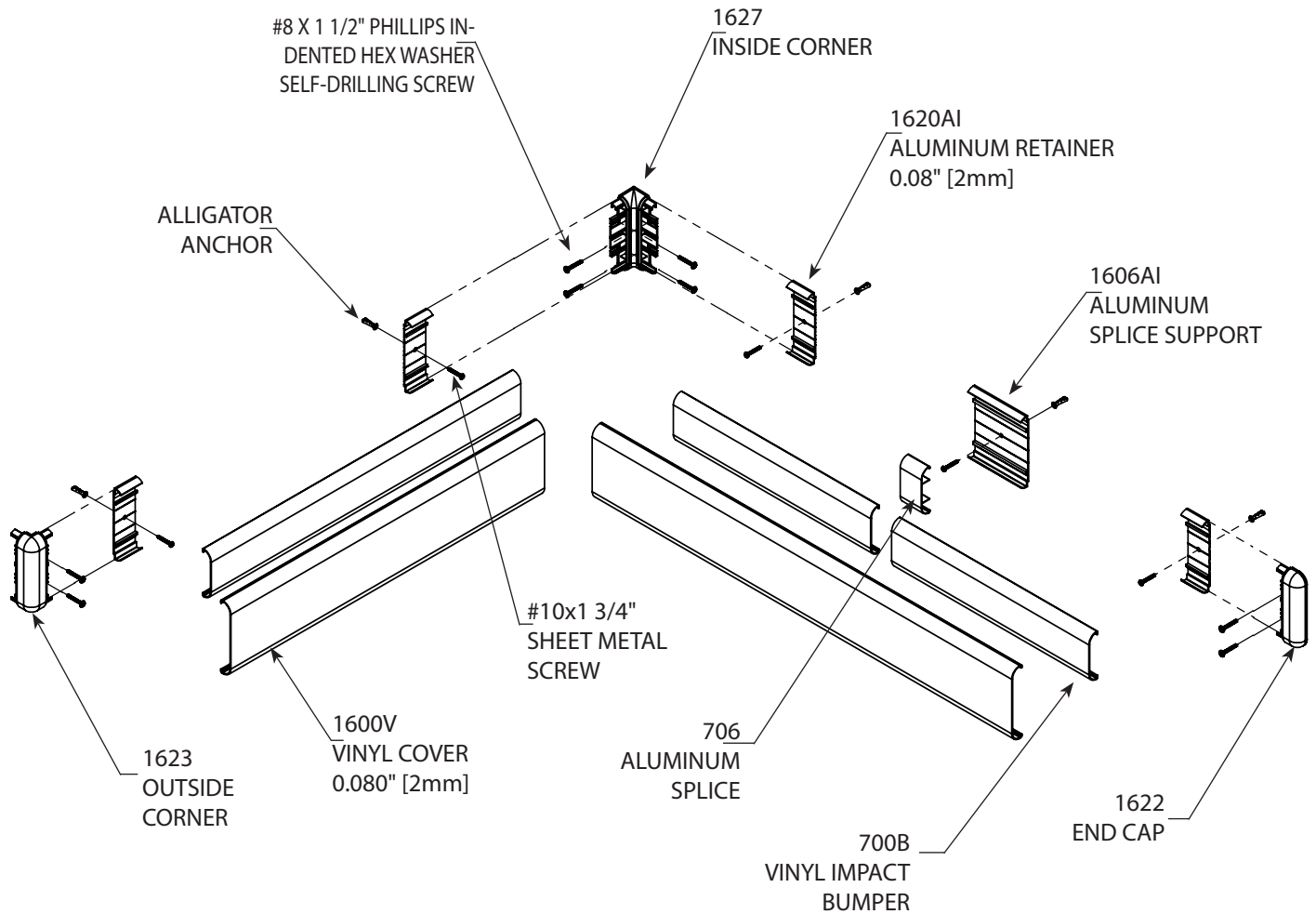**World Headquarters** S80 W18766 Apollo Drive, Muskego, WI 53150 USA
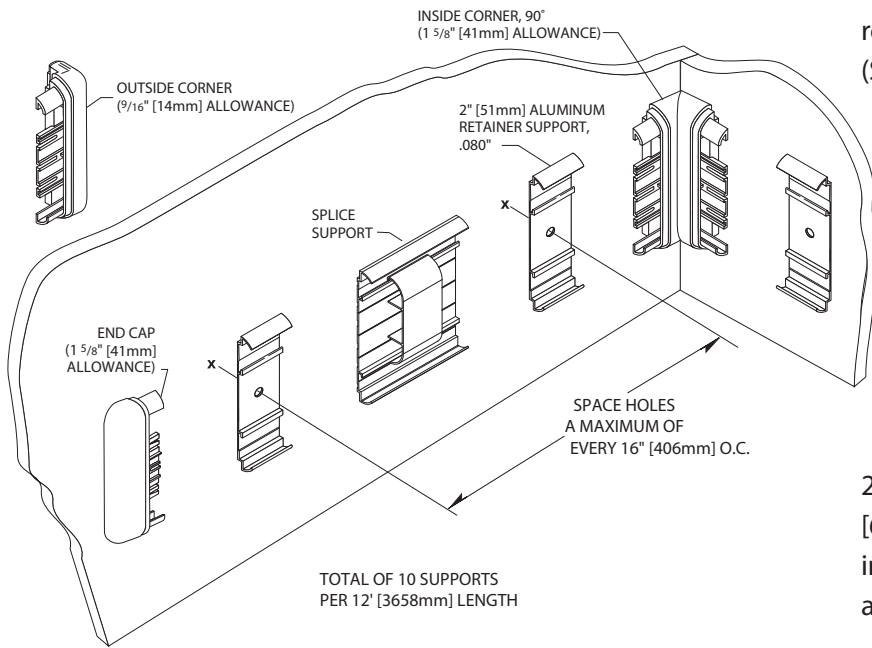
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Installation Instructions
1600i/1655i/G2-1600i Wall Guard

Please read all instructions before installing Wall Guard.

FIG. 1

OUTSIDE CORNER
(9/16" [14mm] ALLOWANCE)

INSIDE CORNER, 90°
(1 5/8" [41mm] ALLOWANCE)

2" [51mm] ALUMINUM
RETAINER SUPPORT,
.080"

SPLICE
SUPPORT

END CAP
(1 5/8" [41mm]
ALLOWANCE)

X

X

SPACE HOLES
A MAXIMUM OF
EVERY 16" [406mm] O.C.

TOTAL OF 10 SUPPORTS
PER 12' [3658mm] LENGTH

1. Determine height of wall guard on wall. Measure down 3" [76mm] and snap chalk line. Mark mounting holes leaving allowance for returns, outside corners and inside corners. (See Figure 1.)

2. Drill marked holes on wall using a 1/4" [6mm] drill bit and position Alligator anchors into holes. Mount retainer supports on wall and tighten screws to secure. (See Figure 2.)

NOTE: With lengths over 12', an aluminum splice support is recommended behind butt joints for added support. (See Figure 2a.)

NOTE: For concrete or brick wall installation, drill 1/4" [6mm] holes, 3/8" [10mm] from end of retainer for end caps/corners.
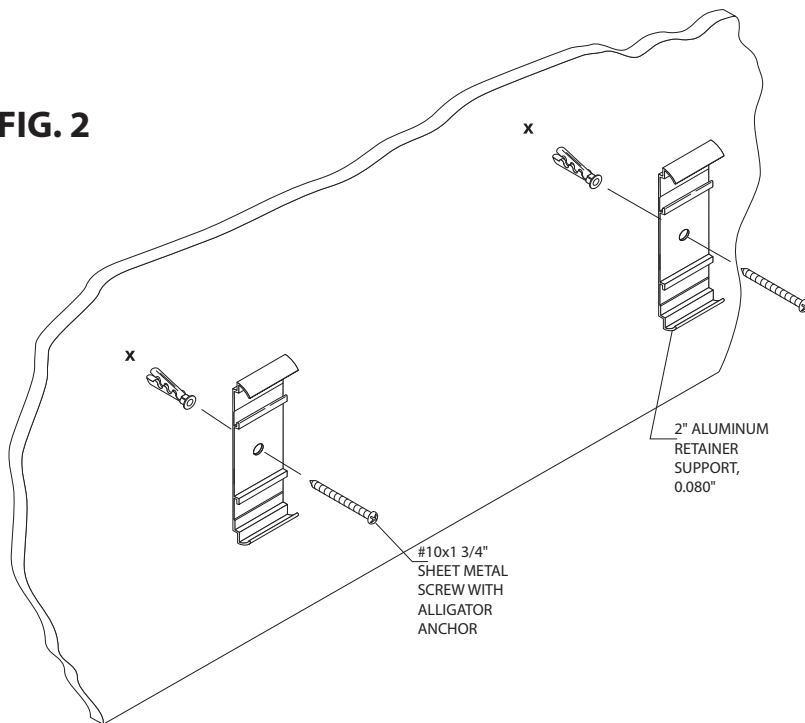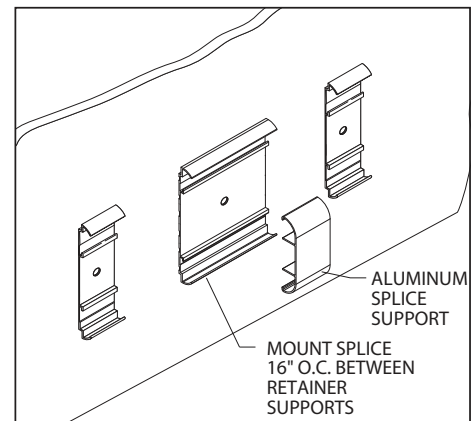
FIG. 2

X

X

2" ALUMINUM
RETAINER
SUPPORT,
0.080"

#10x1 3/4"
SHEET METAL
SCREW WITH
ALLIGATOR
ANCHOR

FIG. 2a

ALUMINUM
SPLICE
SUPPORT

MOUNT SPLICE
16" O.C. BETWEEN
RETAINER
SUPPORTS

Installation Instructions
1600i/1655i/G2-1600i Wall Guard

FIG. 3

#8 x 1^1/$_2$" PHILLIPS INDENTED HEX WASHER SELF DRILLING SCREW

3. Slide end caps and corners onto the retainer support and secure, leaving a 1/16"[1.5mm] gap between returns/corners and retainer to allow for adjustment. (See Figure 3.)

NOTE: For concrete or brick wall installation, use #10 x 1 3/4" Phillips pan head screws to secure retainer to the wall.

FIG. 4

COVER, .080"

CONTINUOUS IMPACT BUMPER, .080"
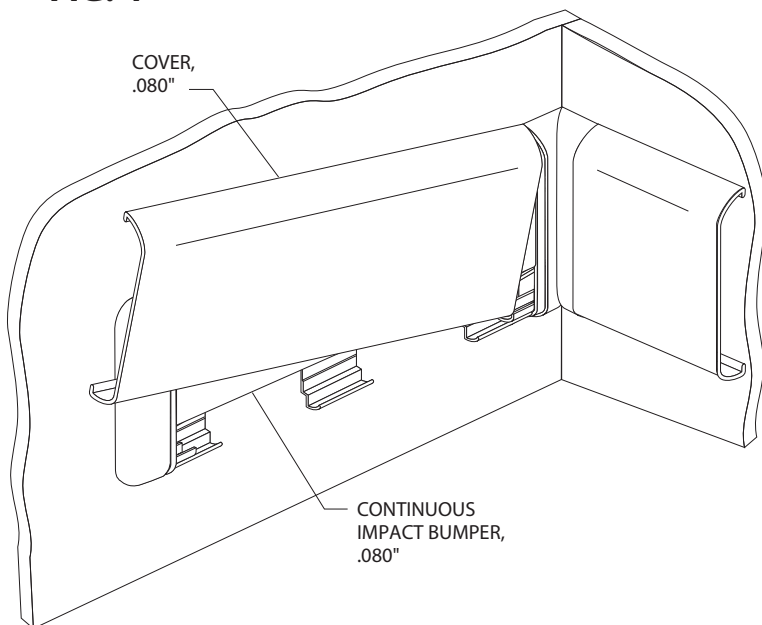
4. Cut the impact bumper to the length between the inside edge of the end caps/corners/splice. Position and snap bumper in place. Cut the cover to length between end caps and/or corners.

(Note: Trim factory edges square before installation). Position cover on retainer and adjust returns and/or corners for a tight fit. Starting at one end of retainer supports, push cover over the retainer supports until it snaps into place. (See Figure 4.)

NOTE: For 1655I Only - When continuous runs are over 12' [3658], covers should be installed in consecutive order using the numbers found on the back of covers. This ensures proper alignment.

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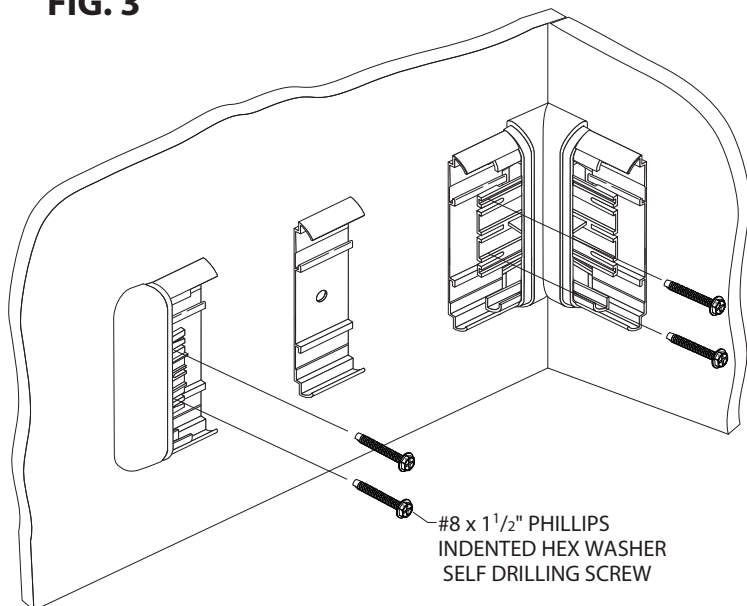**World Headquarters** S80 W18766 Apollo Drive, Muskego, WI 53150 USA

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