Installation Instructions
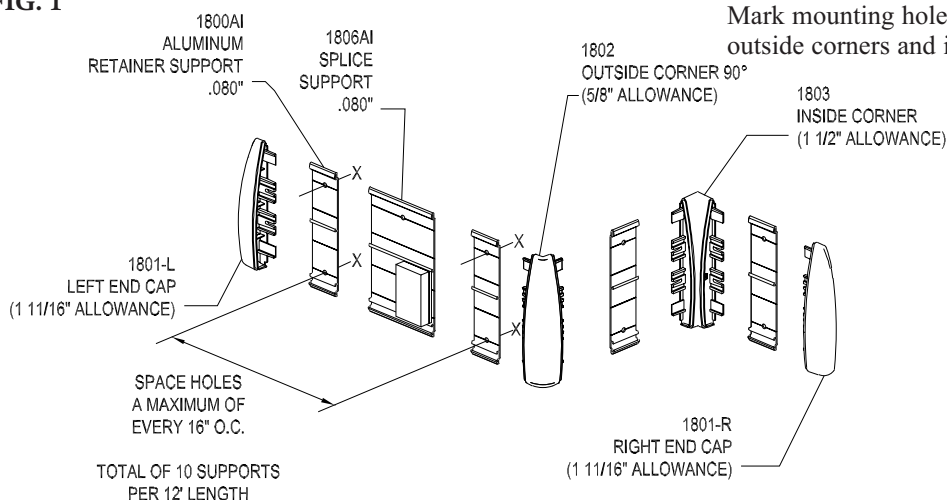## 1800i Wall Guard
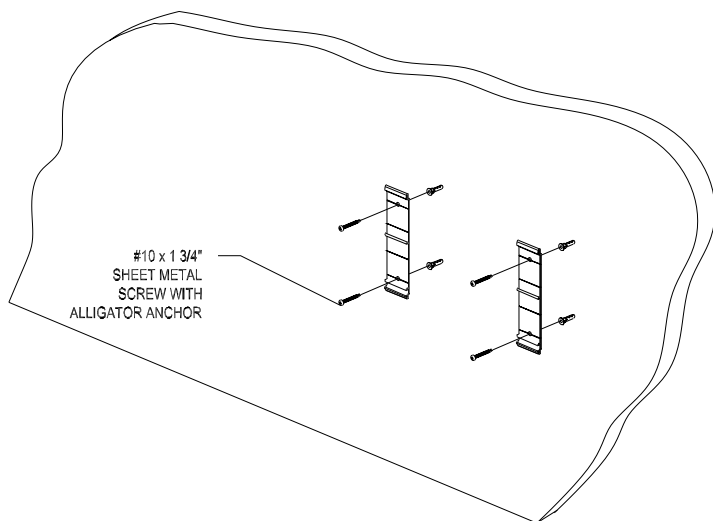
Please read all instructions before installing the wall guard.

1. Determine height of wall guard on wall. Measure down $2^{15}/16$" and $6^5/8$" and snap a level chalk line at each mark. Mark mounting holes leaving allowance for end caps, outside corners and inside corners. See figure 1.
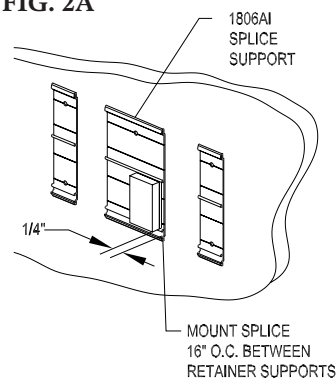
FIG. 1

1800AI
ALUMINUM
RETAINER SUPPORT
.080"

1806AI
SPLICE
SUPPORT
.080"

1802
OUTSIDE CORNER 90°
(5/8" ALLOWANCE)

1803
INSIDE CORNER
(1 1/2" ALLOWANCE)

1801-L
LEFT END CAP
(1 11/16" ALLOWANCE)

SPACE HOLES
A MAXIMUM OF
EVERY 16" O.C.

TOTAL OF 10 SUPPORTS
PER 12' LENGTH

1801-R
RIGHT END CAP
(1 11/16" ALLOWANCE)

2. Drill marked holes on wall using a $1/4$" drill bit and position Alligator anchors into holes. Mount retainer supports on wall and tighten screws to secure. See figure 2. With lengths over 12', a splice is recommended between vinyl butt joints for added support. See figure 2a.

NOTE: For concrete or brick wall installation, drill $1/4$" holes, $3/8$" from end of retainer for end caps/corners.

FIG. 2

#10 x 1 3/4"
SHEET METAL
SCREW WITH
ALLIGATOR ANCHOR

FIG. 2A

1806AI
SPLICE
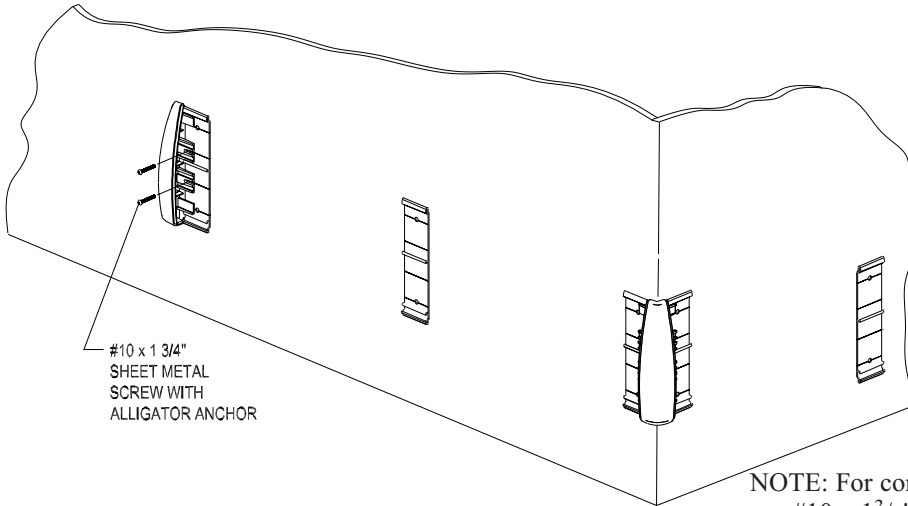SUPPORT

1/4"

MOUNT SPLICE
16" O.C. BETWEEN
RETAINER SUPPORTS

Installation Instructions
1800i Wall Guard

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

FIG. 3

#10 x 1 3/4"
SHEET METAL
SCREW WITH
ALLIGATOR ANCHOR

NOTE: For concrete or brick wall installation, use #10 x $1^3/4$" Phillips pan head screws to secure end caps and corners.

4. Cut the impact bumper to the length between the inside edge of the end caps/corners. Position and snap bumper in place. Cut the vinyl cover to length between end caps and/or corners. (Note: Trim factory edges square before installation). Position the 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.

FIG. 4

1800V
VINYL COVER
.080"

700B
CONTINUOUS
IMPACT BUMPER
.080"

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