

Installation Instructions

2000/2000W/G2-2000 Handrail

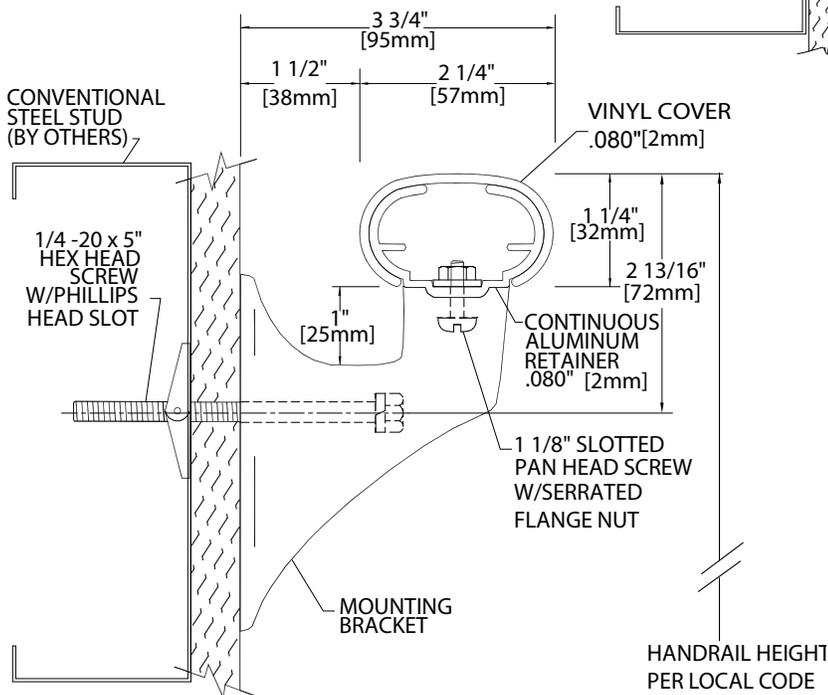
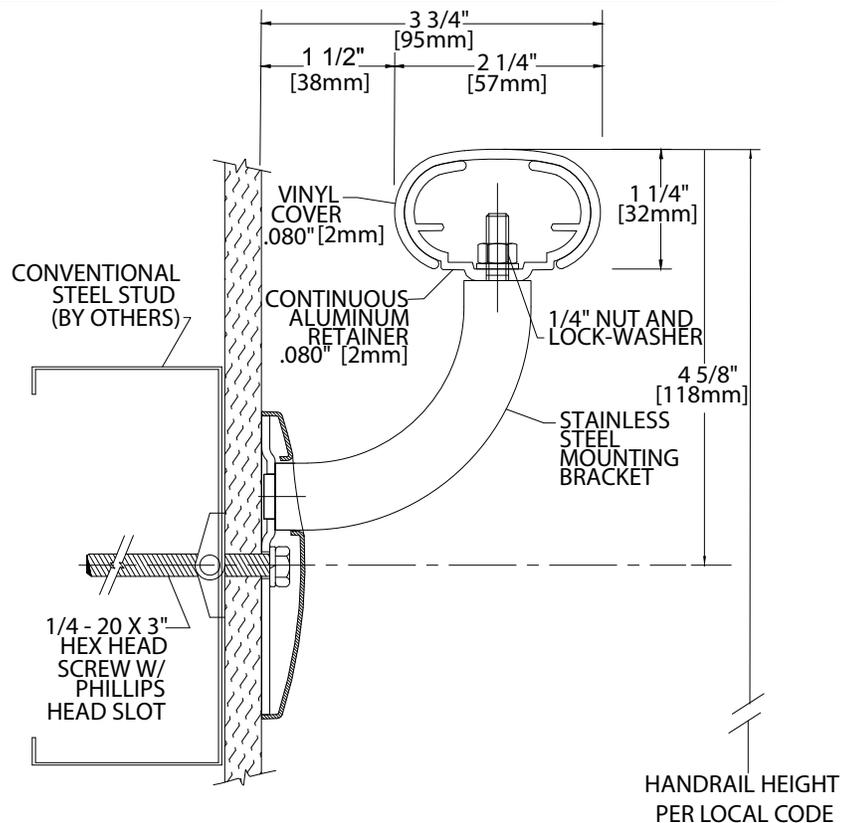
Please read all instructions before installing handrail.

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.

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.



Recommended tools

Safety Glasses, Tape Measure, 3/8" socket for machine screw hex bolt, 7/16" socket for wood screw hex bolt Level, Power Drill, Drill Bits - 1/4" masonry (concrete/concrete block), Power Miter Saw, 10" Blade with 60-80 Carbide Tipped Teeth

IPC.335/REV.10

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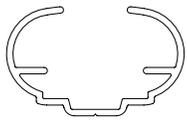
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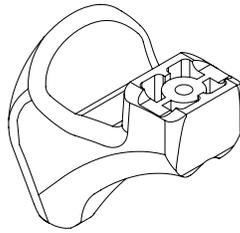
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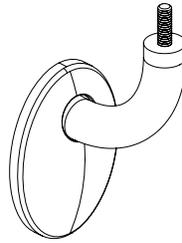
Components and fasteners



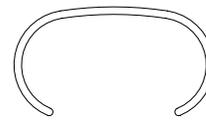
2000A
CONTINUOUS
ALUMINUM RETAINER



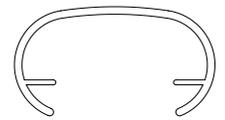
2001
MOUNTING BRACKET



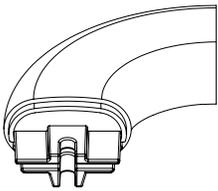
2001SS
MOUNTING BRACKET



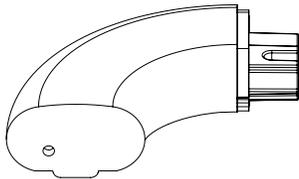
2000V
COVER



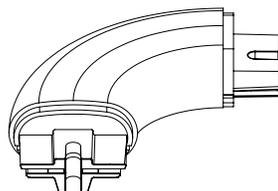
2000HR REVEAL
STANDARD ON
2000W, G2-2000



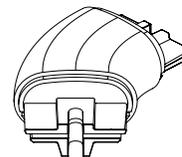
2002
LEFT RETURN



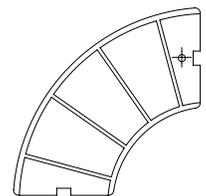
2003
RIGHT RETURN



2004
INSIDE/OUTSIDE
CORNER



2004135
INSIDE/OUTSIDE
CORNER



2005
BOTTOM OF RETURN



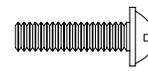
906
SPLICE



1/4"
LOCK WASHER
SPRING REGULAR



1/4-20
FLANGED SCREW
HEX NUT



1 1/8" SLOTTED
PAN HEAD BOLT

Wall Condition	Specified Fasteners	Inpro Part #
Steel Stud/Gypsum Wall	1/4-20 x 5" Phillips hex head Bolt with toggle wing and lock washer	HWK-909D
Concrete/Concrete Block	1/4-20 x 5" Phillips hex head bolt with lead anchor and lock washer	HWK-909C
Wood Stud/Gypsum Wall	1/4" x 5" Hex Head Wood Screw and lock washer	HWK-909W
16 gauge steel Backer/Gypsum wall	#14 X 4" Indented hex washer, zink-plated TEK SCREW	HW69
Steel Stud or Metal Backer/Drywall (OSHDP)	1/4-20 x 5" Phillips hex head Bolt with lock washer and 1/4" Hilti Toggle	HWK-909OD
Concrete/Concrete Block (OSHDP)	1/4" x 4" Torx Hex Washer Head Screw (Hilti Kwik-Con II) and lock washer	HWK-909OC
Wood Stud or Wood Backer/Gypsum Wall (OSHDP)	1/4" x 5" Hex Head Wood Screw and lock washer	HWK-909OW
Wood Stud/Gypsum Wall	1/4" x 3" Hex head wood screw and lock washer	HWK-40001SSW
Steel Stud/Gypsum Wall	1/4-20 x 3" Phillips hex head Bolt with toggle wing and lock washer	HWK-40001SSD
Concrete/Concrete Block	1/4-20 x 3" Phillips hex head bolt with lead anchor and lock washer	HWK-4001SSC

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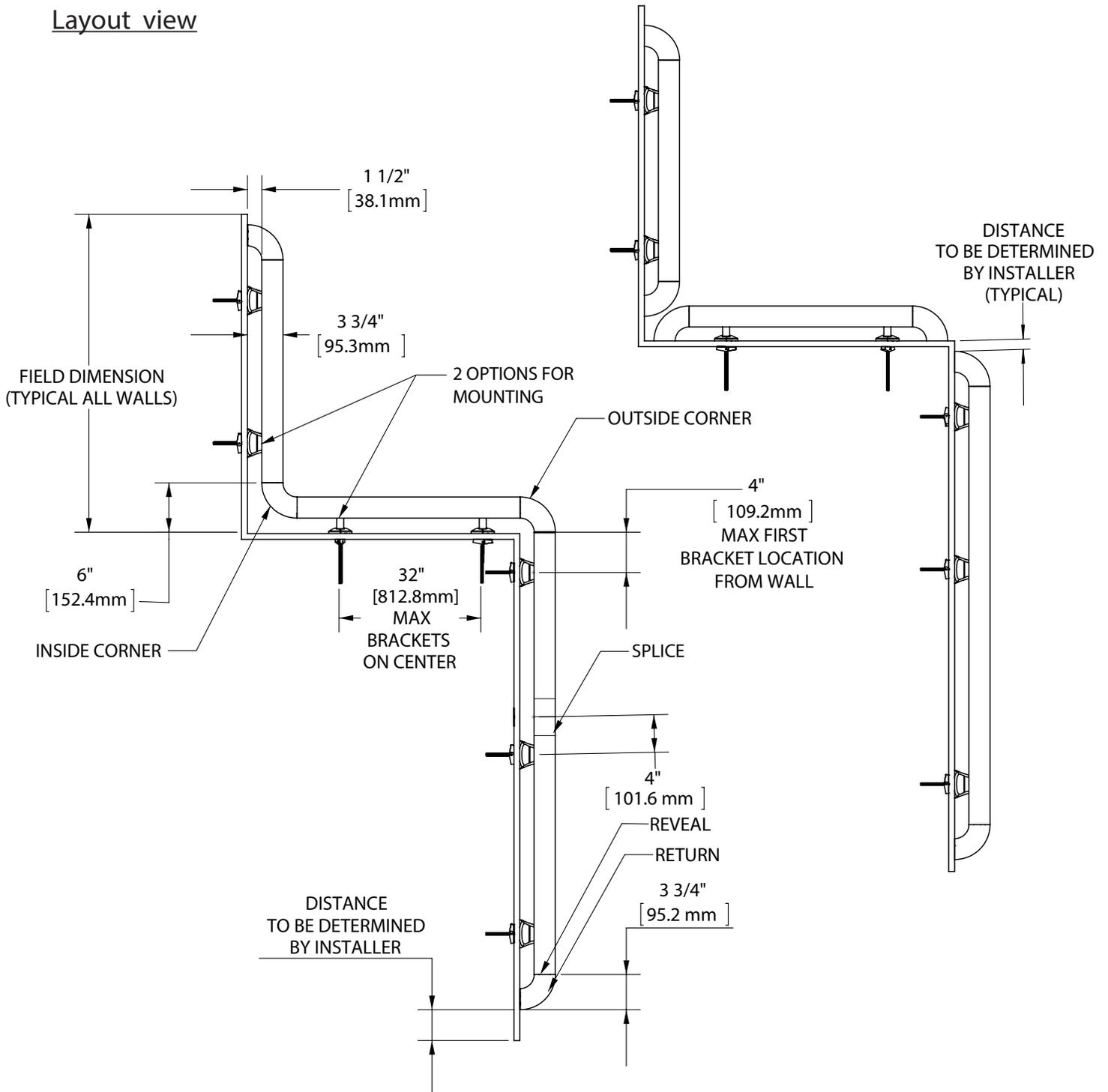
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Layout view



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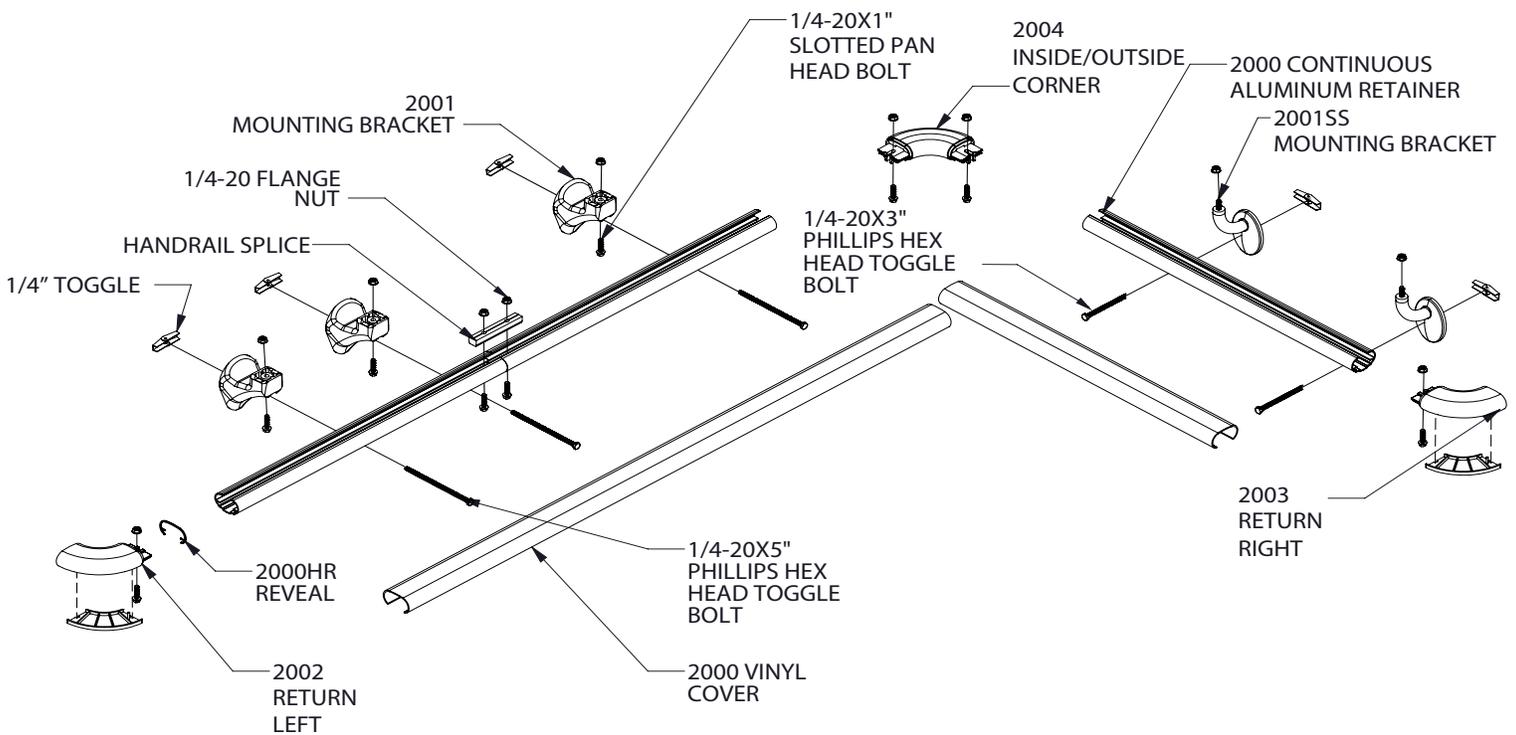
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Exploded view assembly



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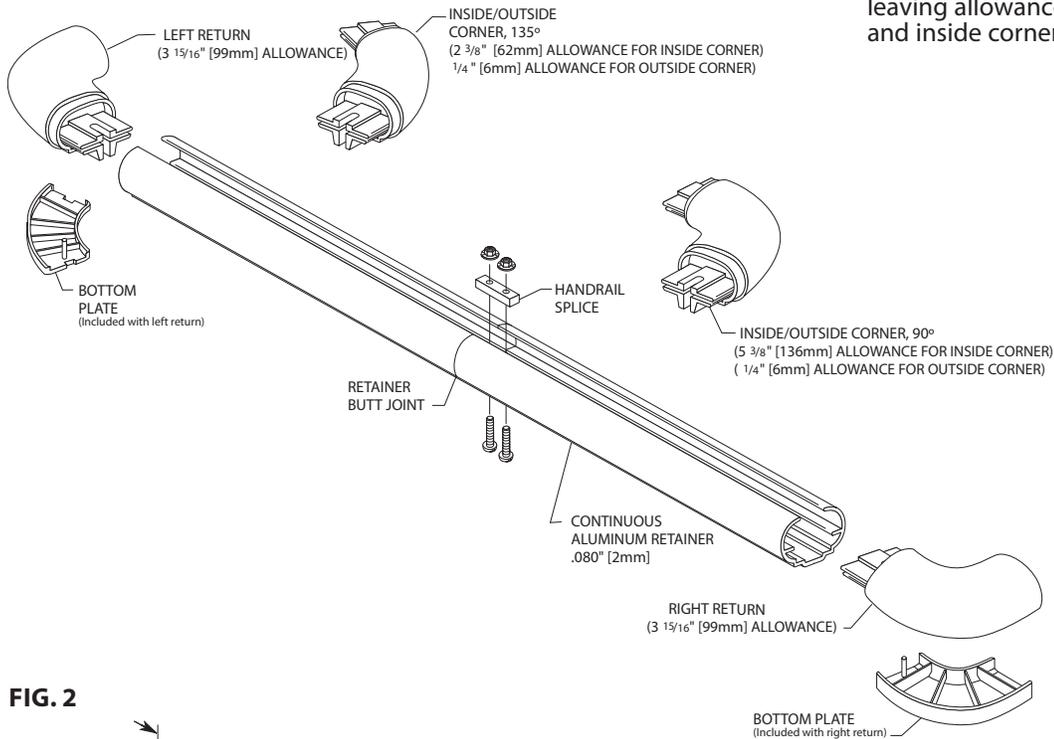
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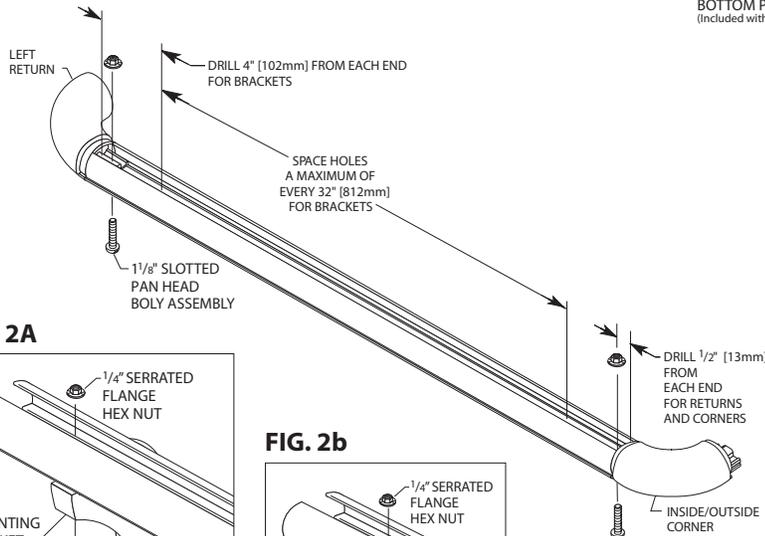
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FIG. 1



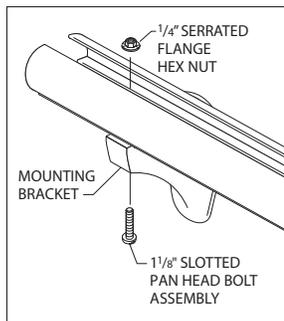
1. Cut aluminum retainer to desired length, leaving allowance for returns, outside corners and inside corners. See Figure 1.

FIG. 2



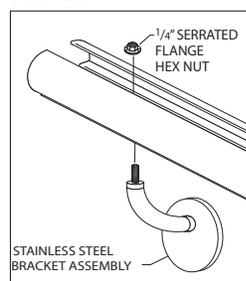
2. Drill holes in centerline of aluminum retainer for brackets, returns and corners using 1/4" (6mm) drill bit. Attach returns, inside corners and outside corners to retainer leaving a 1/16" (1.5mm) gap between returns/corners and retainer to allow for adjustment. See Figure 2.

FIG. 2A



a. Plastic Brackets - Attach brackets to retainer. See Figure 2a.

FIG. 2b



b. Stainless Steel Brackets - Slip stainless steel cover over post. Insert post through retainer hole and attach. See Figure 2b.

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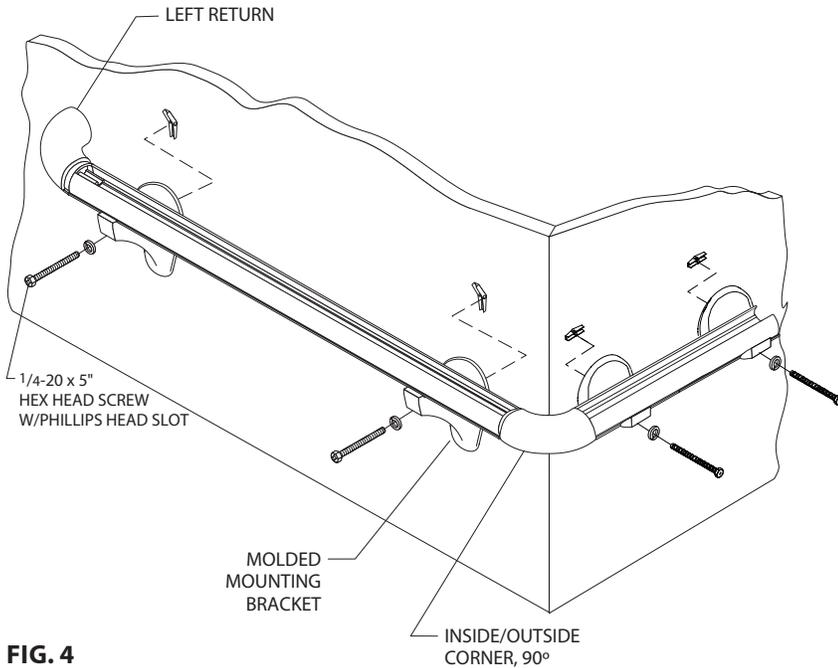
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FIG. 3



3. Position retainer against wall at desired height. Level and mark bracket holes on wall. Drill marked holes with 3/4" (19mm) drill bit for toggle bolts (drywall installation) or 1/2" (13mm) drill bit for lead anchor (concrete wall installation). Loosely attach mounting bolts to the brackets. Mount on wall, level retainer and tighten screws to secure. See Figure 3.

NOTE: For stainless steel bracket, snap cover over mounting base when retainer is secure. See Figure 3a.

FIG. 3a

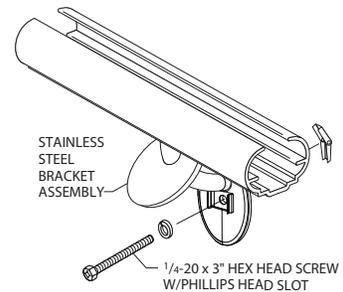
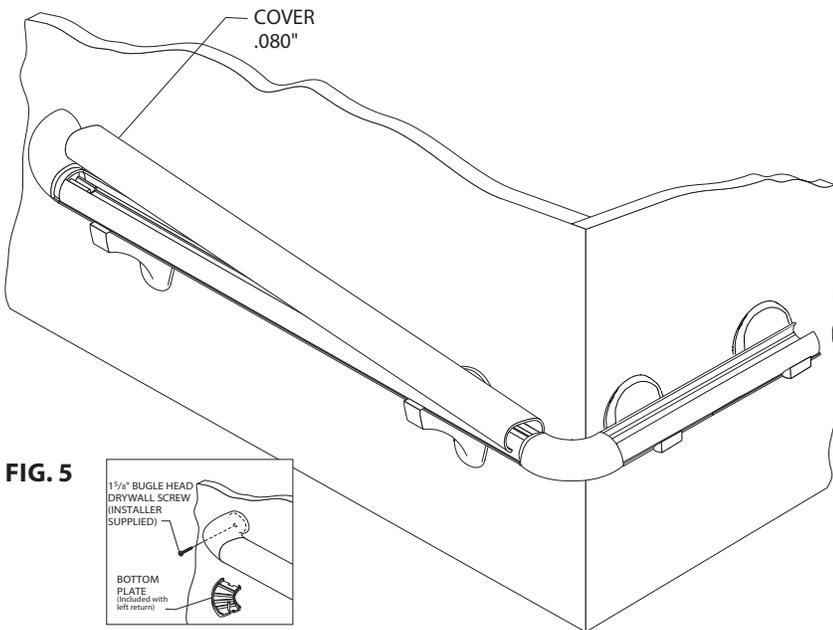


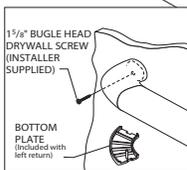
FIG. 4



4. Cut cover to length between returns 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 and work to the other end by pushing the cover onto the retainer until it is securely in place. See Figure 4.

NOTE: Returns should be secured to the wall. Remove bottom plate and fasten installer supplied screws through hole located in the return. Reattach bottom plate. See Figure 5.

FIG. 5



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