STANDARD RAILGUARD
INSTALLATION DETAILS
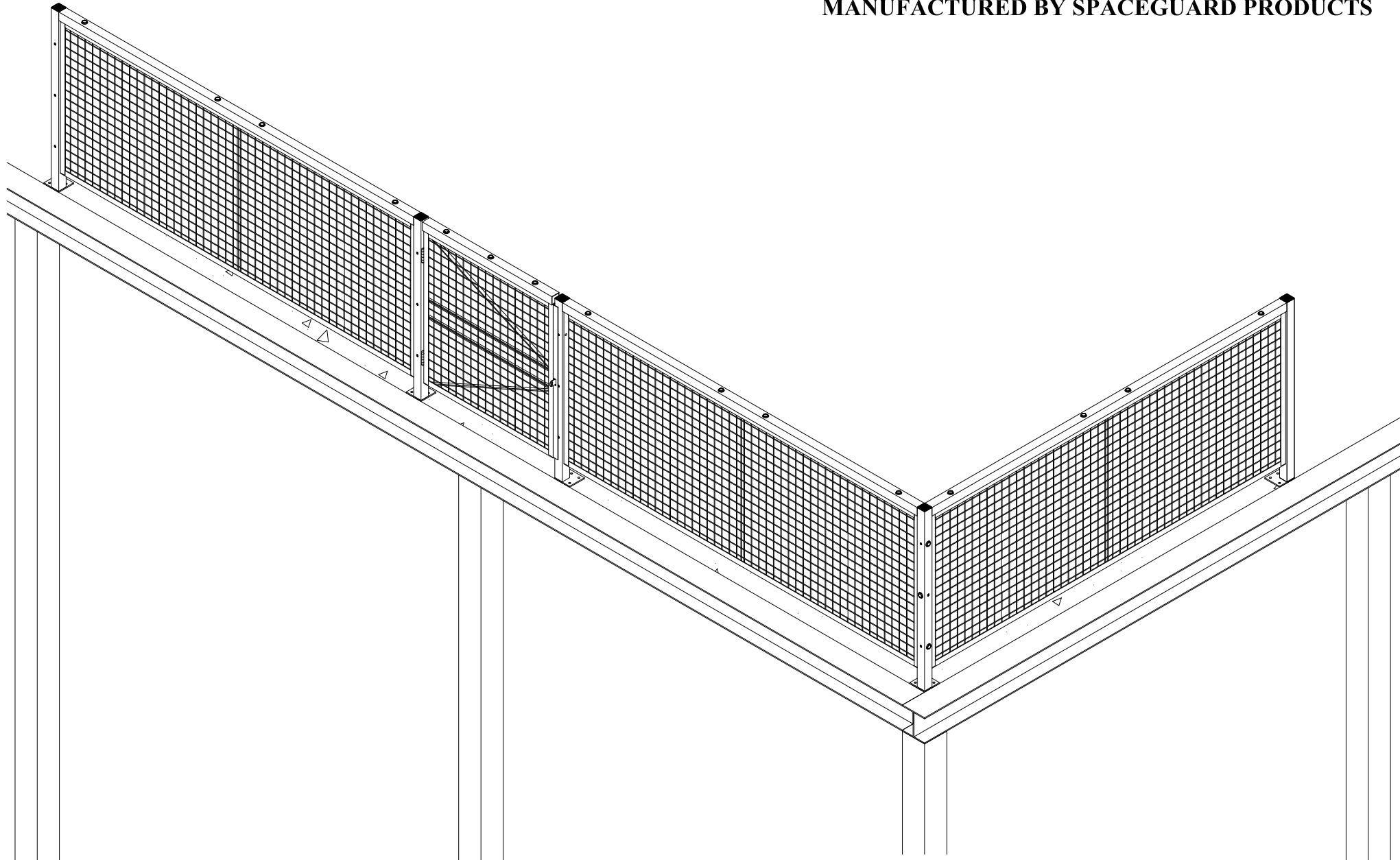
GETTING STARTED WITH YOUR BEASTWIRE MESH RAILGUARD

BEFORE YOU BEGIN INSTALLATION YOU MUST:

- **IDENTIFY** this label... contains packing slip
- **INSPECT** for damages before taking delivery
- **INVENTORY** for shortages
- **CONTACT** manufacturer immediately if damages or shortages are present

RECOMMENDED TOOLS:

- Crowbar, tin snips & utility knife
- Tape measure, level, & chalk line
- Ladder(s) (&/or Lift) & extension cords
- Locking C-clamps & pliers
- Saw w/ blade for cutting metal
- Impact driver w/ SAE deep well sockets
- Hammer drill w/ several new bits, appropriate for flooring
- Screwdriver set
- Wrench set
- Rubber mallet

RECOMMENDED MATERIALS (not supplied):

- Correct method of anchoring posts based on platform type; holes in base plates are 7/16" (enough for 2-3 per post)
- Washers or other materials suitable for leveling guarding
- Steel angle for bracing and filling gaps at walls
- Engineered fall protections system to be used at any gate

DOCUMENTS ENCLOSED

UNLEASHING BEASTWIRE:

BeastWire Mesh Railguard is designed to use standard components to make materials more affordable, available, and easier to install. Our system uses all through, carriage bolt connections with hardware on the secure side of the enclosure. Main features:

- **UNIVERSAL POST**: the same post is used for all standard, in-line, door, corner, and 3 & 4-way connections
- **INTRODUCING THE GROWTH PLATE** : 2" roll formed channel stacked two-high below panels and gates to obtain required clearance or act as 4" Kick Plate
- **FLEXIBLE HINGE DOORS**: our single and double hinge doors swing in or out; single doors can hinge from the left or right and come standard with padlock hasps but can be modified to work with an interlock system

HELPFUL HINTS:

- **AVOID** storing materials outside or exposed to moisture
- **REMEASURE** the space before building your guarding
- **PLAN** whether you want the mesh looking away from or towards your platform before installing the panels and door(s)
- **ANCHOR** only after ensuring the system is plumb and level
- **HANG** your door(s) and locking mechanisms
- **PLUG** all remaining holes in posts with black dome plugs provided
- **TOUCH UP** using factory supplied paint; follow directions on can
- **ADMIRE** your work and the fact you purchased a quality product

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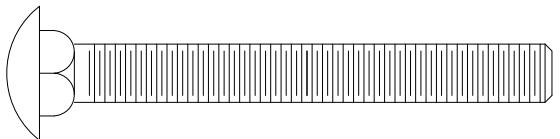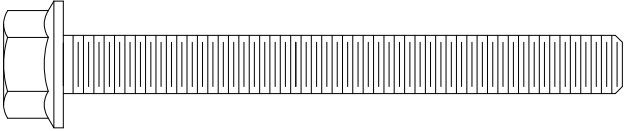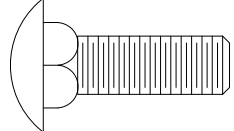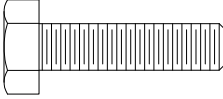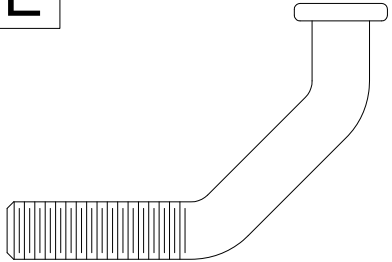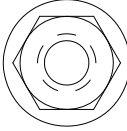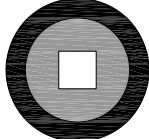
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HARDWARE

A — Carriage Bolt 5/16" X 2-3/4"

B — Flanged Hex Head Bolt 5/16" X 3"

C — Carriage Bolt 5/16" X 1"

D — Hex Head Bolt 5/16" X 1"

E — 5/16" Angle Bolt

F — Flanged Hex Nut 5/16"

G — (Not to scale) — 5/16" Carriage Adaptor

H — 5/16" Dome Plug

I — (Not to scale) — Padlock Lug

J — (Not to scale) — 2" Post Cap

K — (Not to scale) — Nylon Spacer

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BOLT-ON KICK PLATES
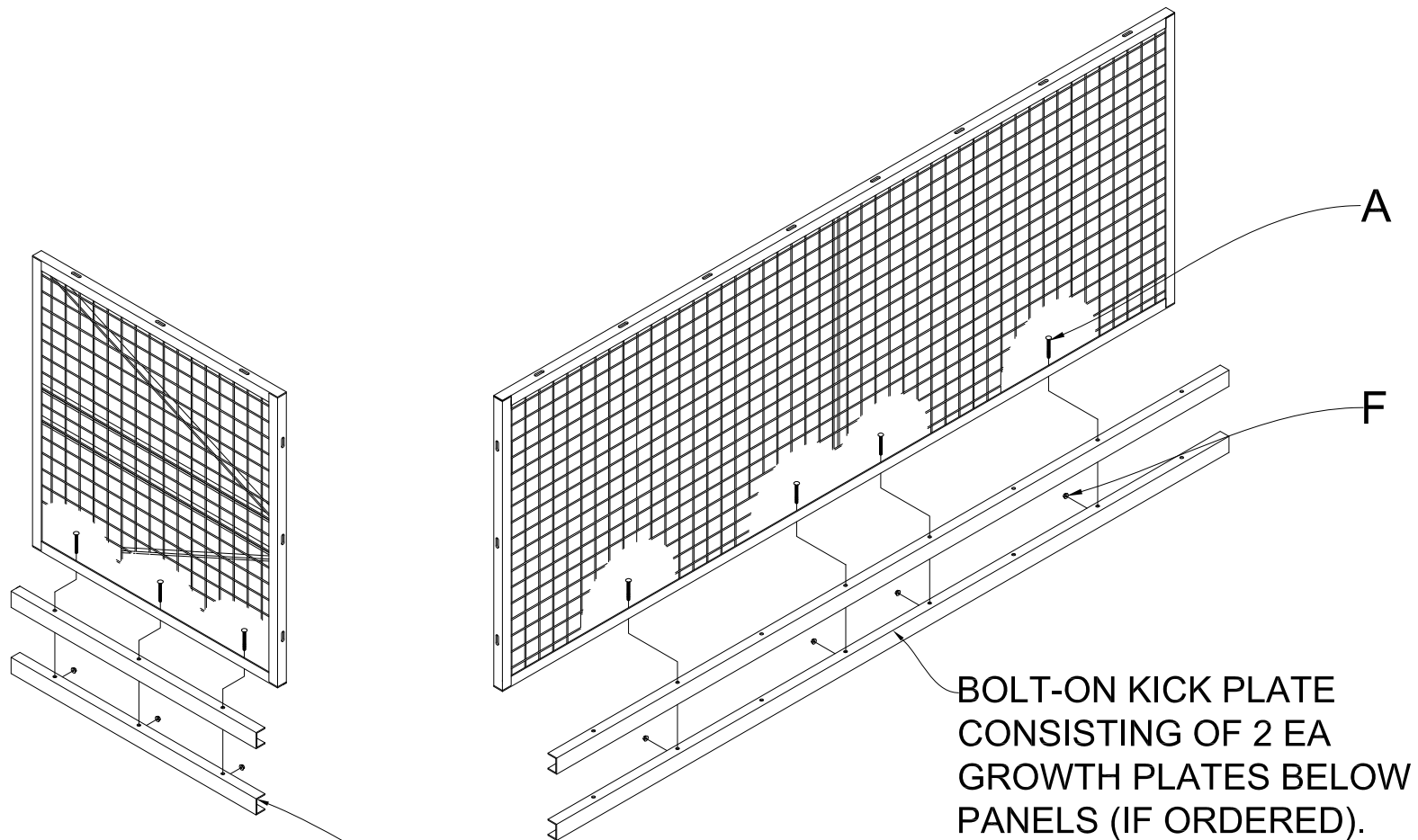
A

F

BOLT-ON KICK PLATE
CONSISTING OF 2 EA
GROWTH PLATES BELOW
PANELS (IF ORDERED).
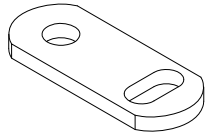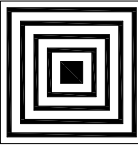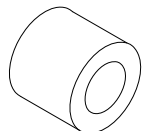
GROWTH PLATE
@ BOTTOM ARE OPTIONAL
ADDERS FOR DOORS.

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PANEL/RAIL CONNECTIONS

A
G
F
F
J
A
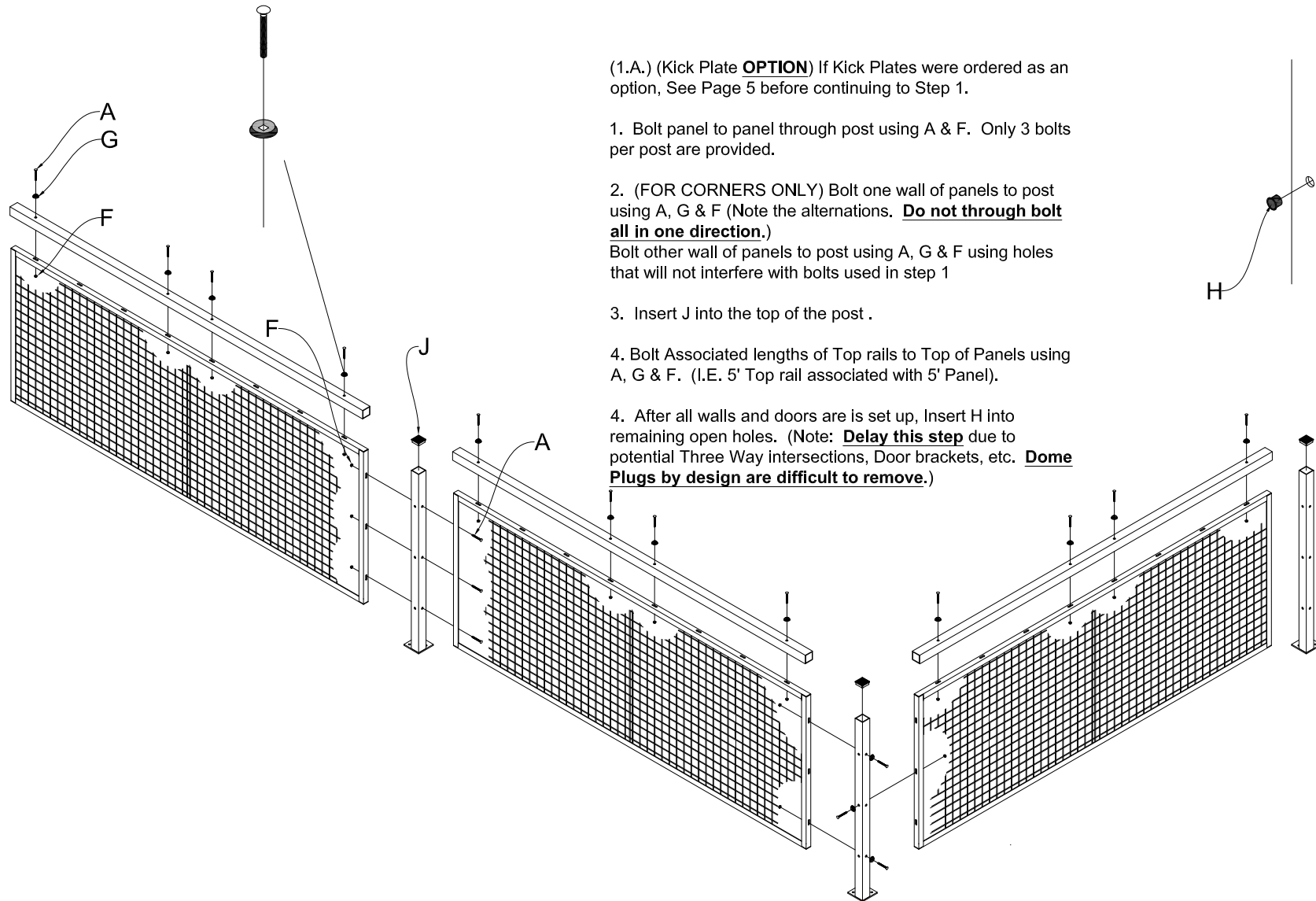
(1.A.) (Kick Plate **OPTION**) If Kick Plates were ordered as an option, See Page 5 before continuing to Step 1.

1. Bolt panel to panel through post using A & F. Only 3 bolts per post are provided.

2. (FOR CORNERS ONLY) Bolt one wall of panels to post using A, G & F (Note the alternations. **Do not through bolt all in one direction**.)
Bolt other wall of panels to post using A, G & F using holes that will not interfere with bolts used in step 1

3. Insert J into the top of the post.

4. Bolt Associated lengths of Top rails to Top of Panels using A, G & F. (I.E. 5' Top rail associated with 5' Panel).

4. After all walls and doors are is set up, Insert H into remaining open holes. (Note: **Delay this step** due to potential Three Way intersections, Door brackets, etc. **Dome Plugs by design are difficult to remove**.)

H

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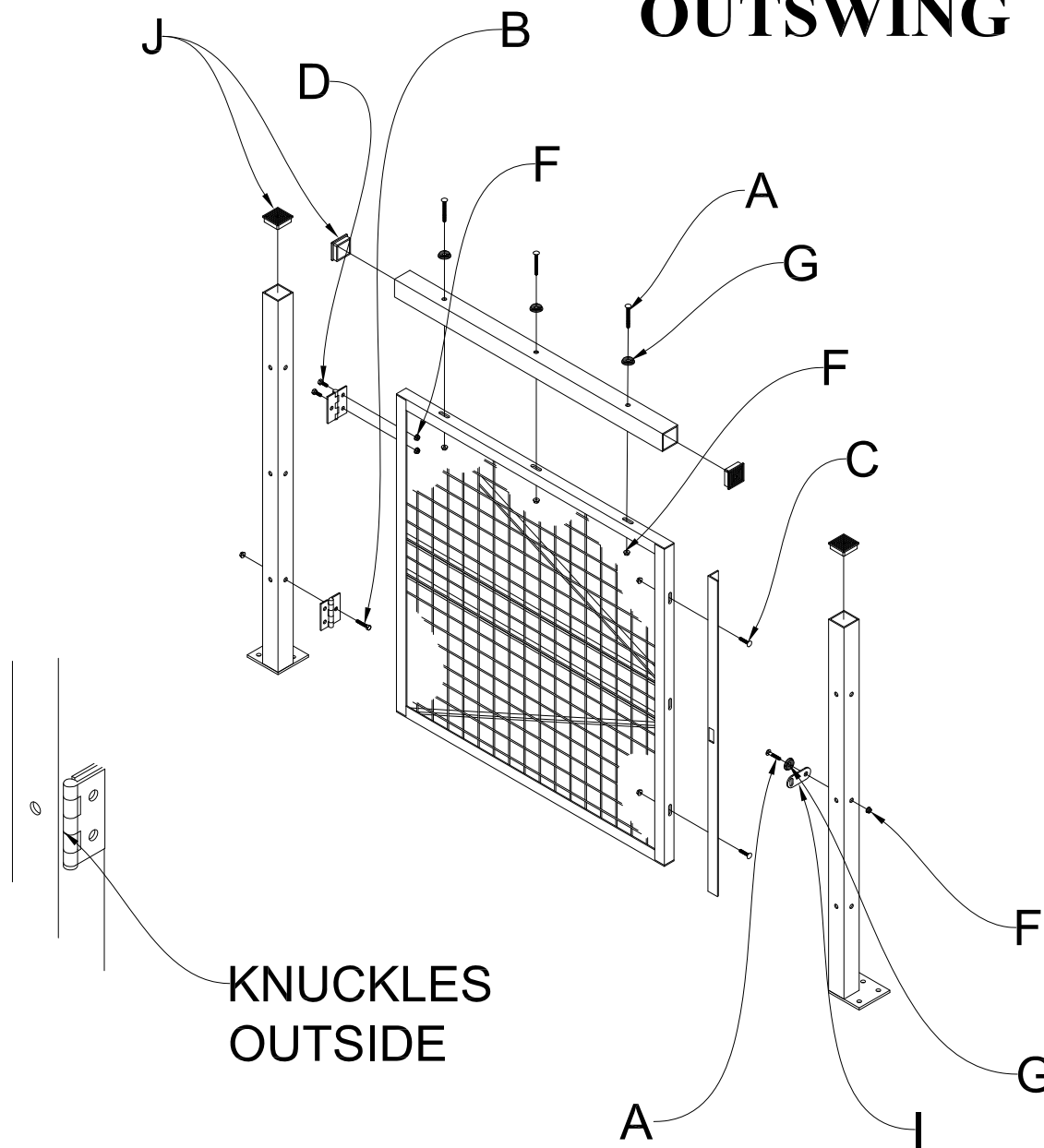Updated 11/10/2016

SINGLE DOOR CONNECTIONS OUTSWING

J
D
B
F
A
G
F
C
F
A
I
G

KNUCKLES OUTSIDE

1. Determine door swing. (Left or Right)

(1.A.) (KICK PLATE **OPTION**) If growth plate(s) were ordered as an option, See Page 5 before continuing to Step 2.

2. Bolt Hinges to post using B & F, hinge knuckles to outside. Angle Bolts (E) provided where through bolting not possible.

3. Bolt Slam angle to Door using C & F. Bolt Lug (I) to Post using A, G & F. Angle Bolts (E) provided where through bolting not possible.

4. Bolt Top rail to door using A, G, & F.

5. Bolt Door to Hinges using D & F.

6. Insert J into all exposed tube ends (Post, Top rail).

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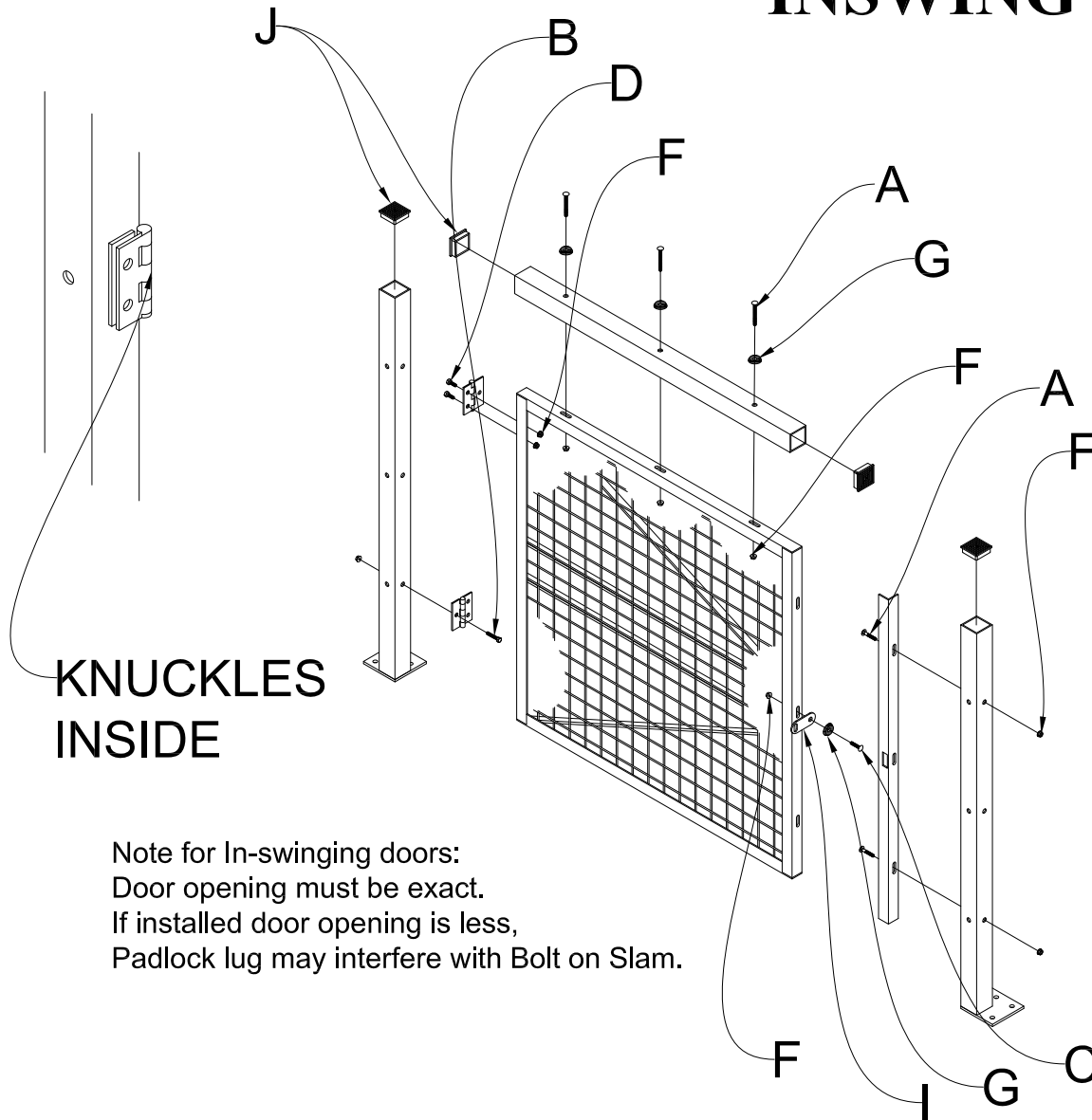Call (800) 841-0680, Mon-Fri 8am-5pm ET

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SINGLE DOOR CONNECTIONS INSWING

J
B
D
F
A
G
F
A
F

KNUCKLES INSIDE

Note for In-swinging doors:
Door opening must be exact.
If installed door opening is less,
Padlock lug may interfere with Bolt on Slam.

F
I
G
C

1. Determine door swing. (Left or Right)

(1.A.) (KICK PLATE **OPTION**) If growth plate(s) were ordered as an option, See Page 5 before continuing to Step 2.

2. Bolt Hinges to post using B & F, hinge knuckles to inside. Angle Bolts (E) provided where through bolting not possible.

3. Bolt Slam angle to Post using A & F. Angle Bolts (E) provided where through bolting not possible. Bolt Lug (I) to Door using C, G & F.

4. Bolt Top rail to door using A, G, & F.

5. Bolt Door to Hinges using D & F.

6. Insert J into all exposed tube ends (Post, Top rail).

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DOUBLE DOOR CONNECTIONS OUTSWING

KNUCKLES OUTSIDE

OUTSWINGING

(1.A.) (KICK PLATE **OPTION**) If growth plate(s) were ordered as an option, See Page 5 before continuing to Step 2.

1. Bolt Hinges to both Posts (knuckles to outside) using B & F. Angle Bolts (E) provided where through bolting not possible
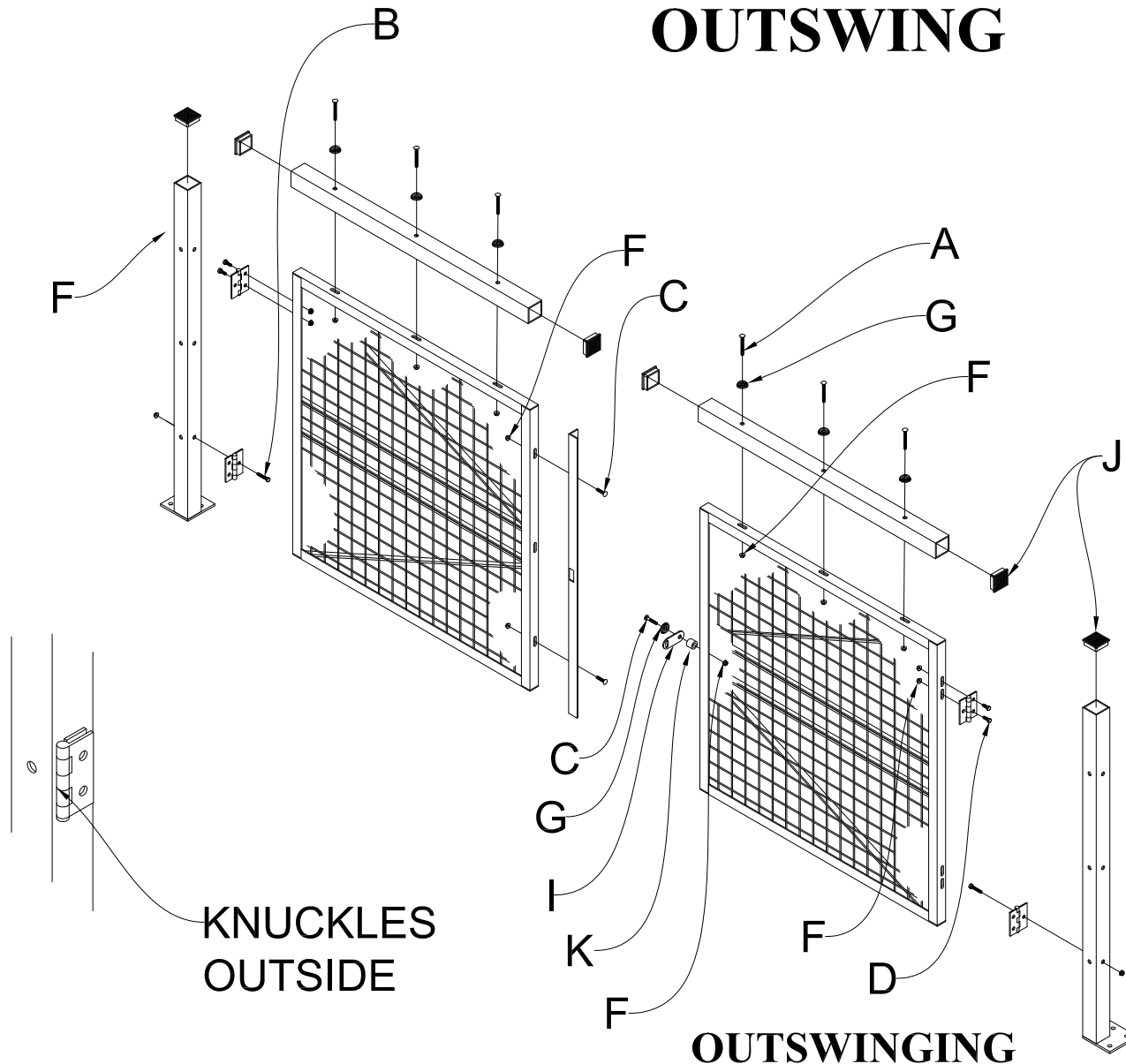
2. Bolt Slam angle to left door half using C & F.

3. Bolt Padlock Lug (I) to right door half using C, G, K (acting spacer), & F.

4. Bolt doors to Hinges using D & F.

5. Bolt Top rails to doors using A, G, & F.

6. Insert J into all exposed tube ends (Post, Top rail).

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DOUBLE DOOR CONNECTIONS INSWING
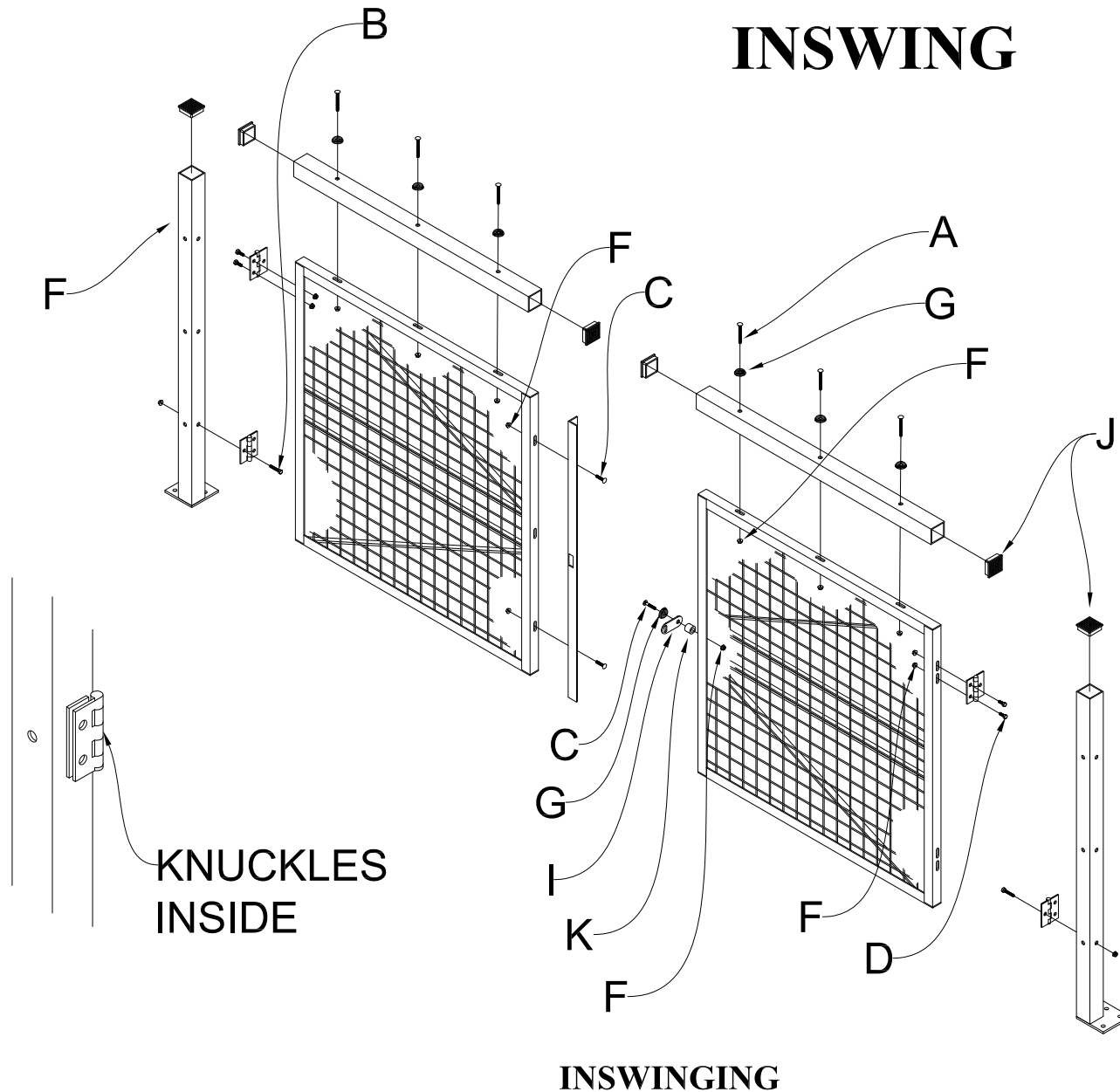

KNUCKLES INSIDE

INSWINGING

(1.A.) (KICK PLATE **OPTION**) If growth plate(s) were ordered as an option, See Page 5 before continuing to Step 2.

1. Bolt Hinges to both Posts (knuckles to inside) using B & F. Angle Bolts (E) provided where through bolting not possible

2. Bolt Slam angle to left door half using C & F.

3. Bolt Padlock Lug (I) to right door half using C, G, K (acting spacer), & F.

4. Bolt doors to Hinges using D & F.

5. Bolt Top rails to doors using A, G, & F.

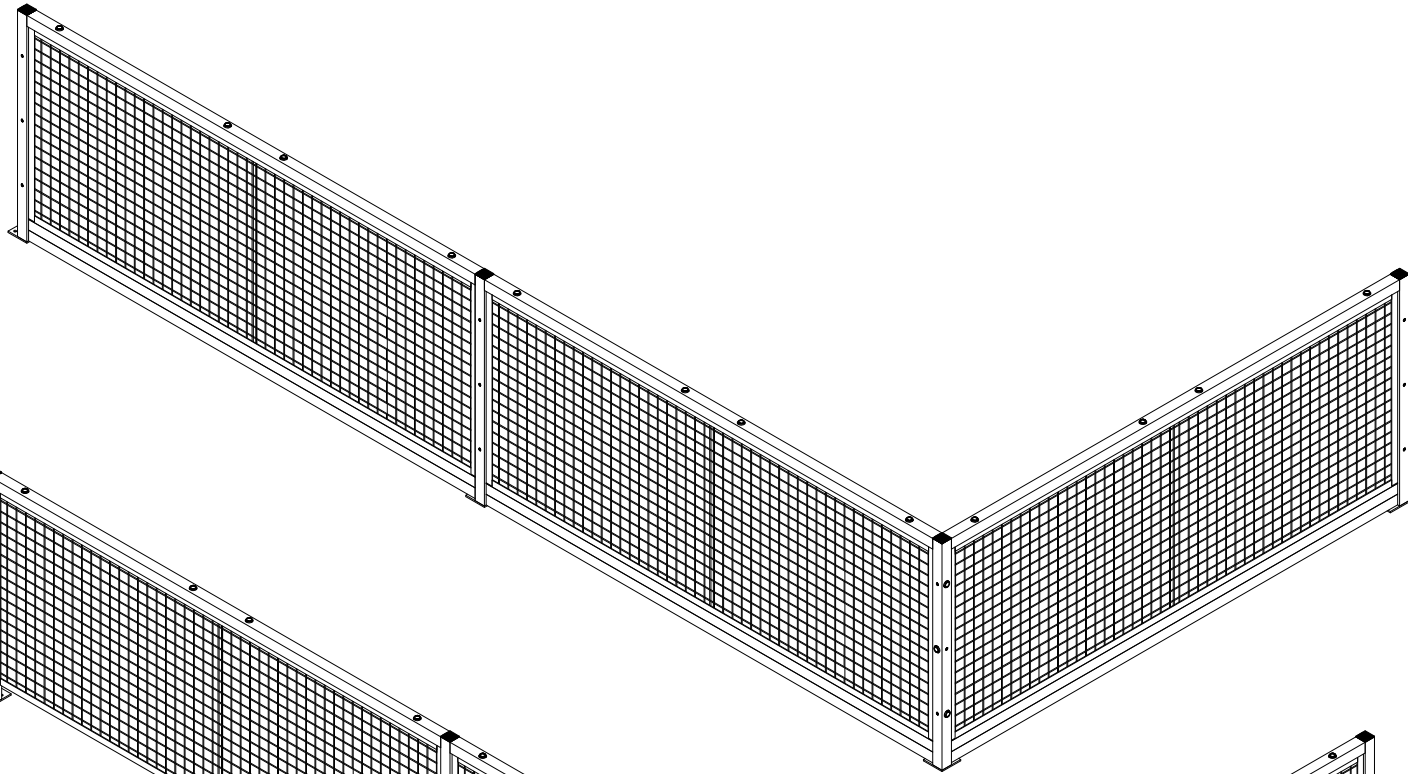6. Insert J into all exposed tube ends (Post, Top rail).

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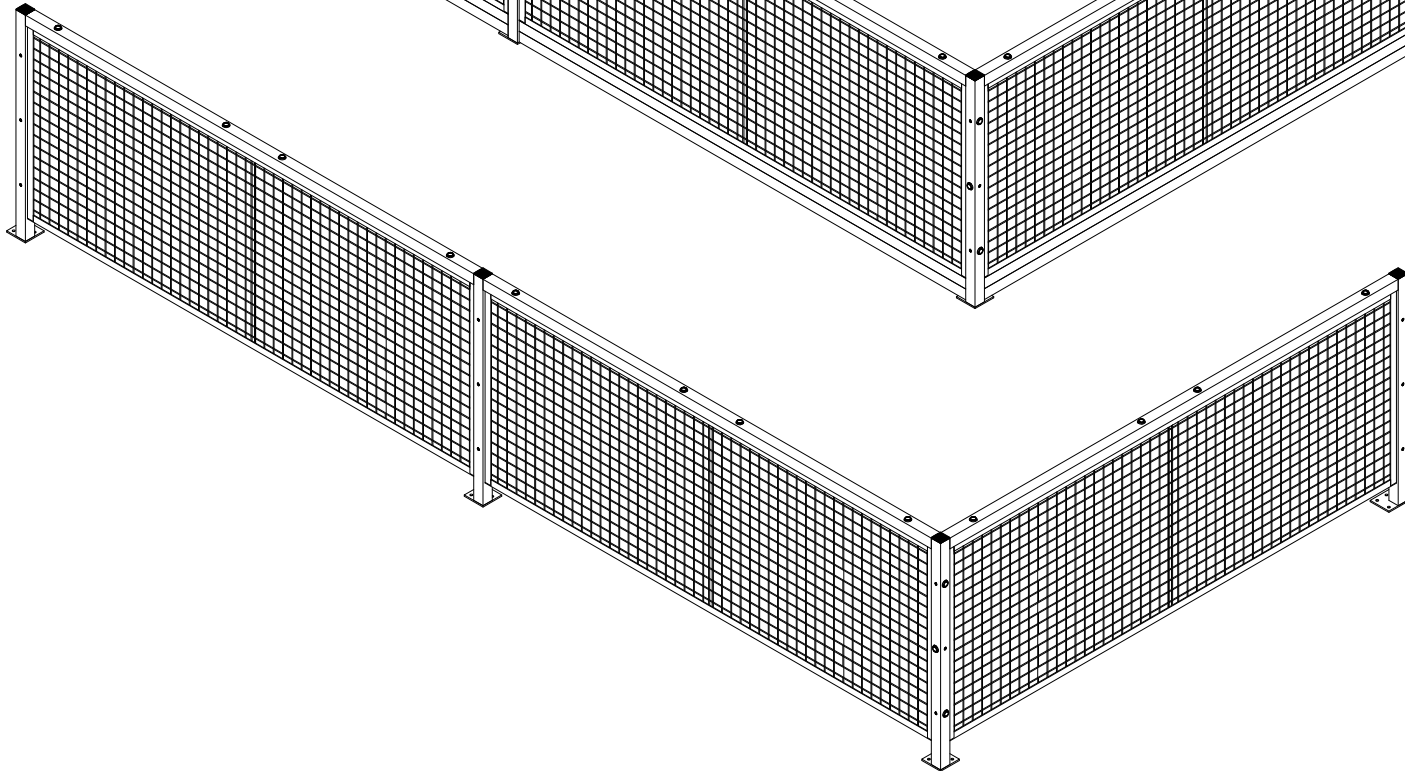
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FINISHED PANEL CONNECTIONS

PANEL CONNECTIONS (WITH KICK PLATE)

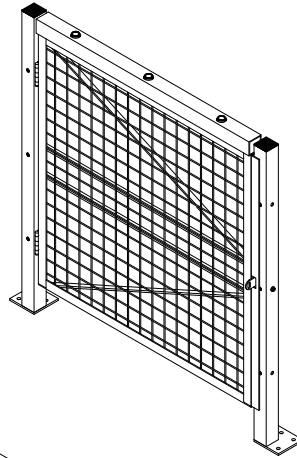**PANEL CONNECTIONS (NO KICK PLATE)**

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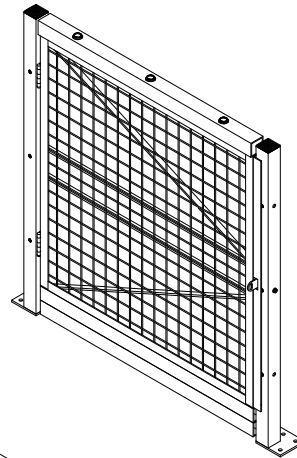Call (800) 841-0680, Mon-Fri 8am-5pm ET

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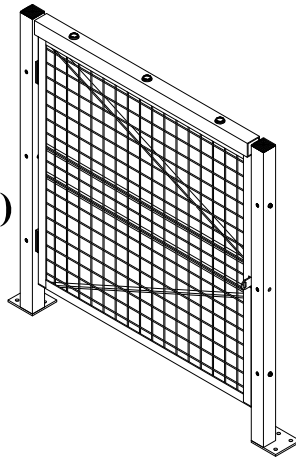# FINISHED SINGLE DOOR CONNECTIONS
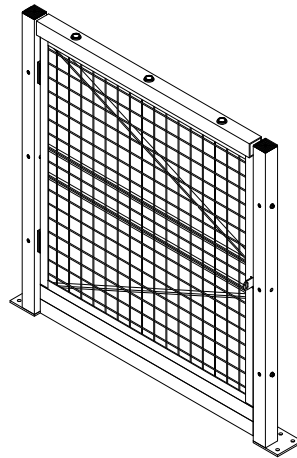
OUTSWINGING (NO KICK PLATE)

OUTSWINGING (WITH KICK PLATE)

INSWINGING (NO KICK PLATE)

INSWINGING (WITH KICK PLATE)

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FINISHED DOUBLE DOOR CONNECTIONS

**OUTSWINGING
(NO KICK PLATE)**

**INSWINGING
(NO KICK PLATE)**

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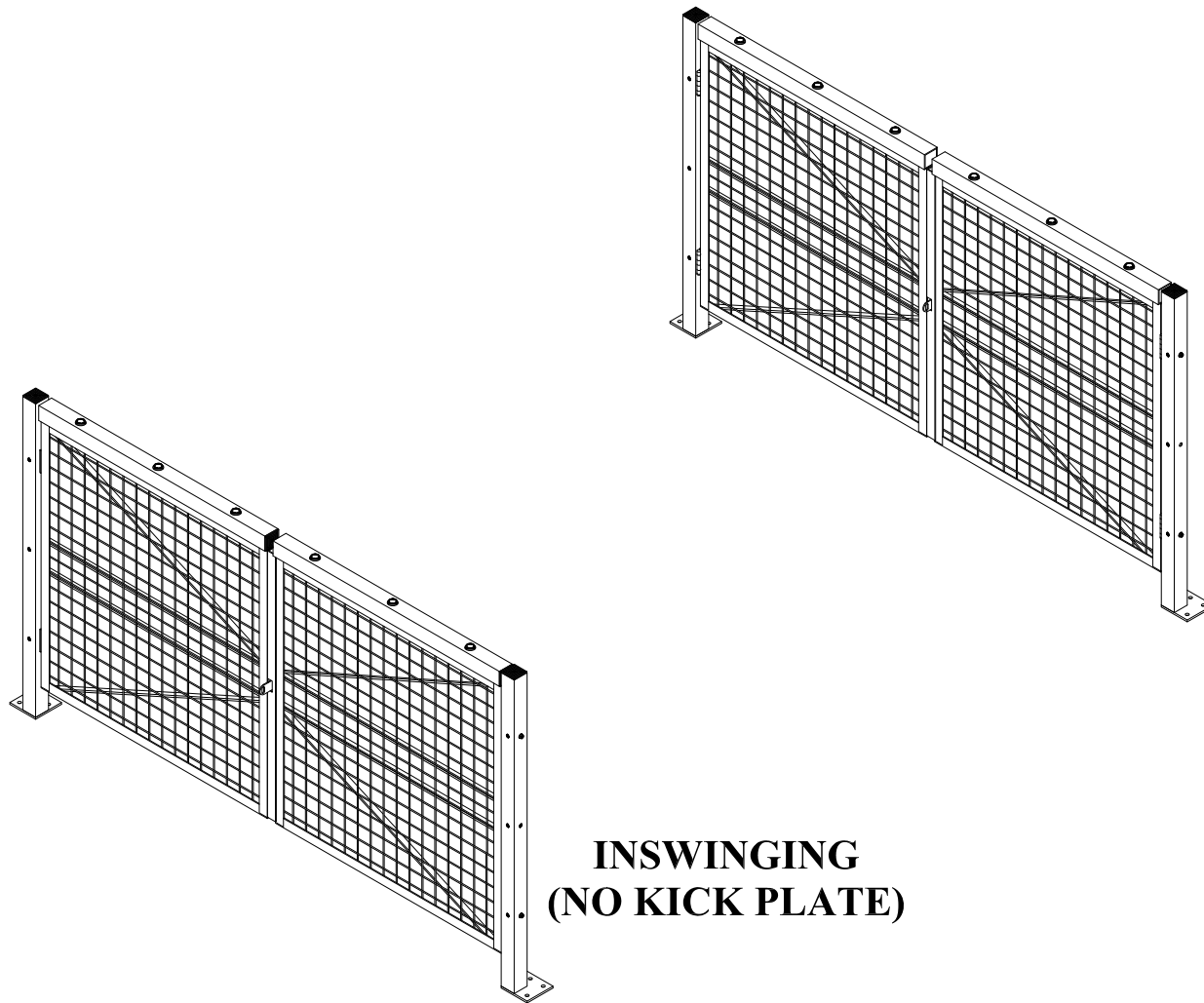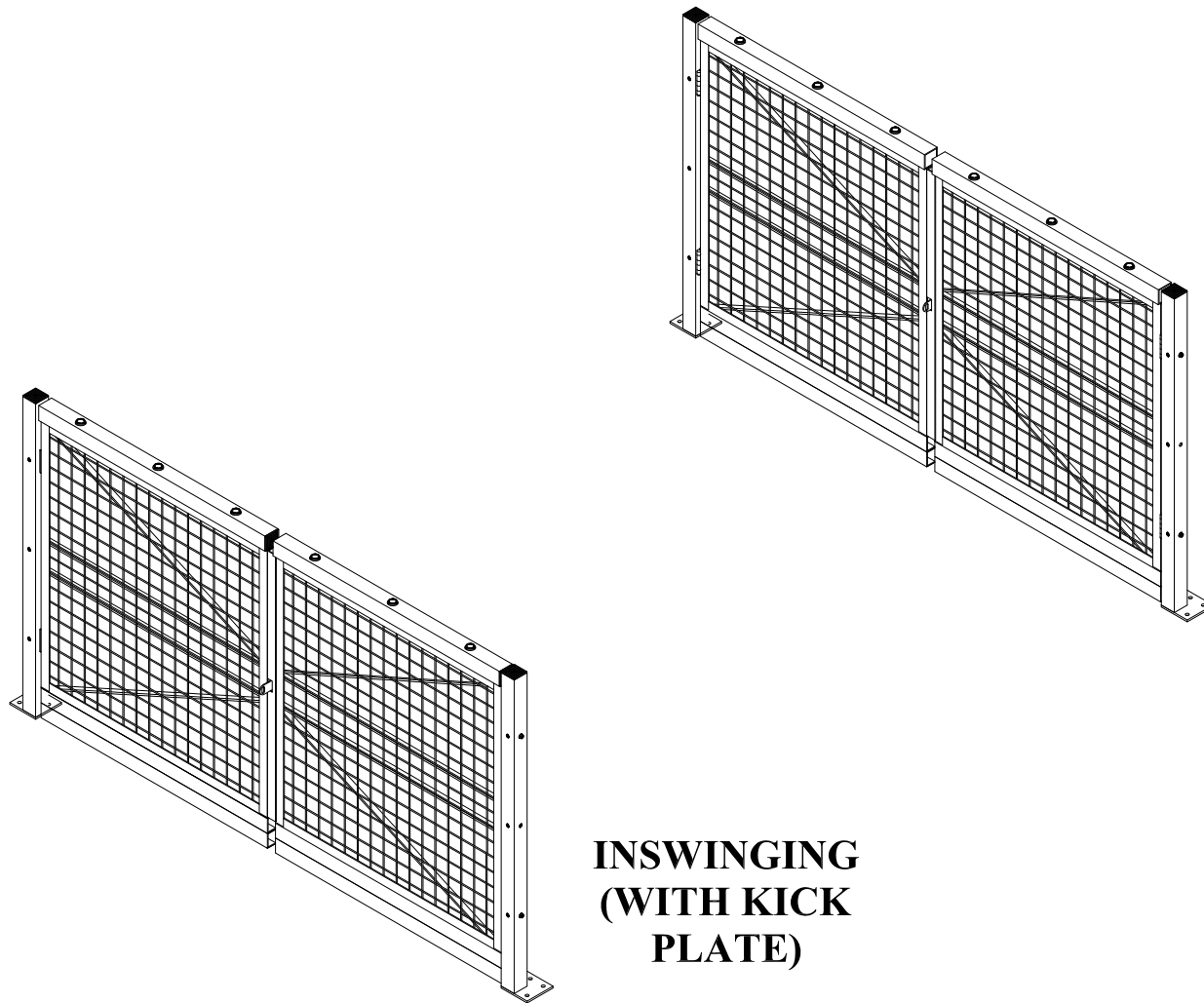Manufactured by SpaceGuard Products
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FINISHED DOUBLE DOOR CONNECTIONS

OUTSWINGING (WITH KICK PLATE)

INSWINGING (WITH KICK PLATE)

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