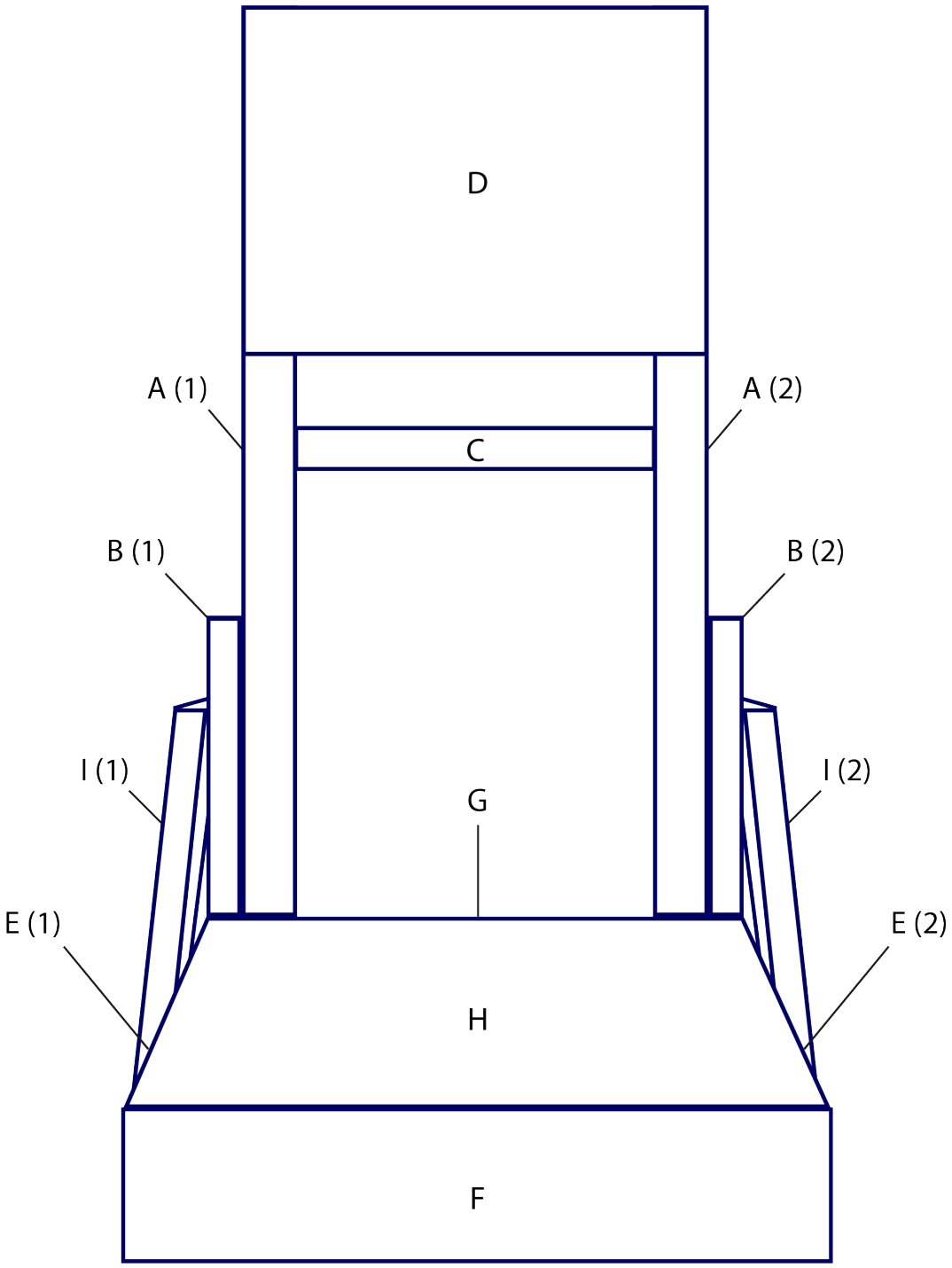
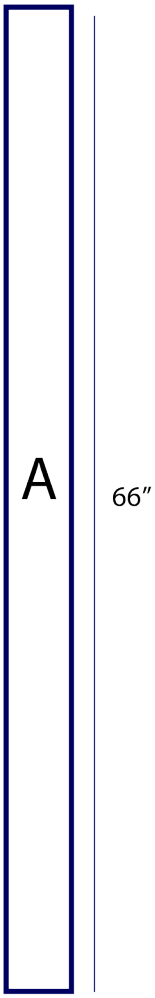
Wader Wash Station Construction



Wash Station Parts

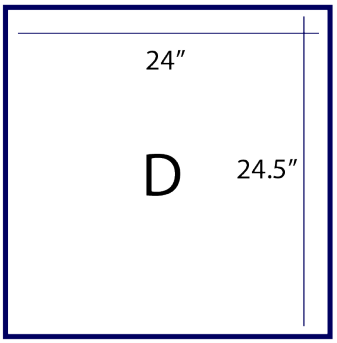
2 - Uprights (A)
2 x 4



21.75″

1 - Center Brace (C)

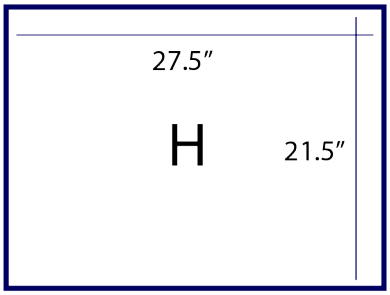
1 - Sign Board (D)
1/2″ Plywood



32″

2 - Bottom Lengths (E)
2 x 6

1 - Top of Base (H)
1/2″ Plywood

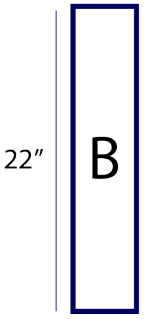


27.5″

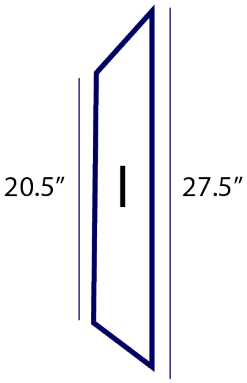
1 - Bottom Front (F)
2 x 6

24.5″

1 - Bottom Back (G)
2 x 6



2 - Inside Braces (B)
2 x 4



2 - Outside Braces (I)
2 x 4

Step One: Building the Upright Frame

Parts:

- Part A (Qty 2) = 66” 2x4 - Uprights
- Part B (Qty 2) = 22” 2x4 – Inside Brace
- Part C (Qty 1) = 21.75” 2x4 - Connecting brace
- Part D (Qty 1) = 24x24.5” Plywood mounting for sign
- AIS Sign (Qty 1)

Hardware:

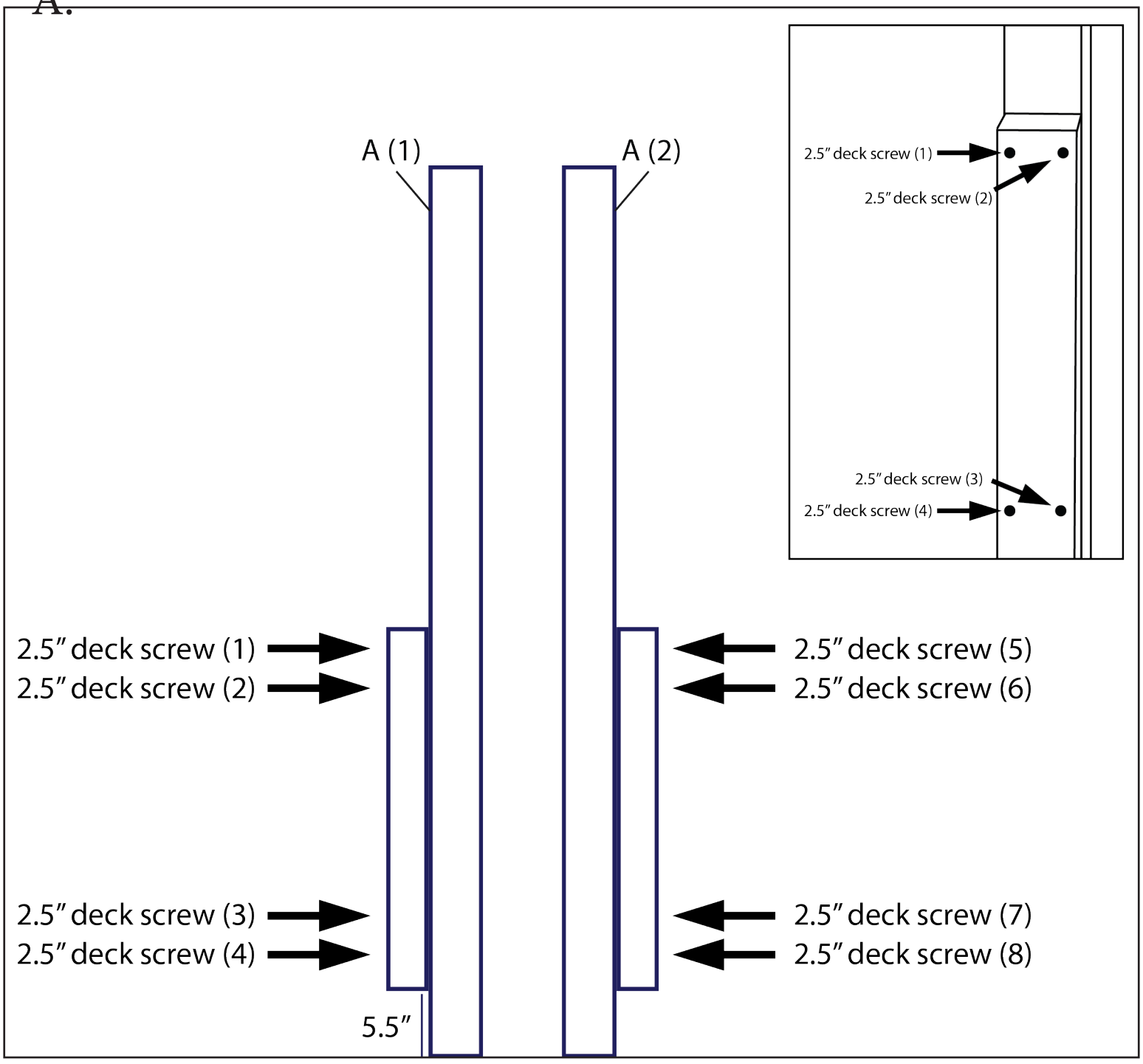
- 2.5” deck screws – 8
- 3.5” deck screws - 4
- 1 5/8” deck screws - 4
- 4 sets of bolts/nuts/washers

Tools:

- Electric drill
- Drill bits:
    #8 Deck screw size use 5/32” or 11/64” drill bit for clear ance hole
    9 Deck screw size use 11/64” or 3/16” drill bit for clearance hole
    ¼” bolts use 9/32” drill bit for clearance hole
- Impact Driver + T25 Bit for deck screws
- 7/16” Socket wrench
- 7/16” wench

Step One (Continued)

A.

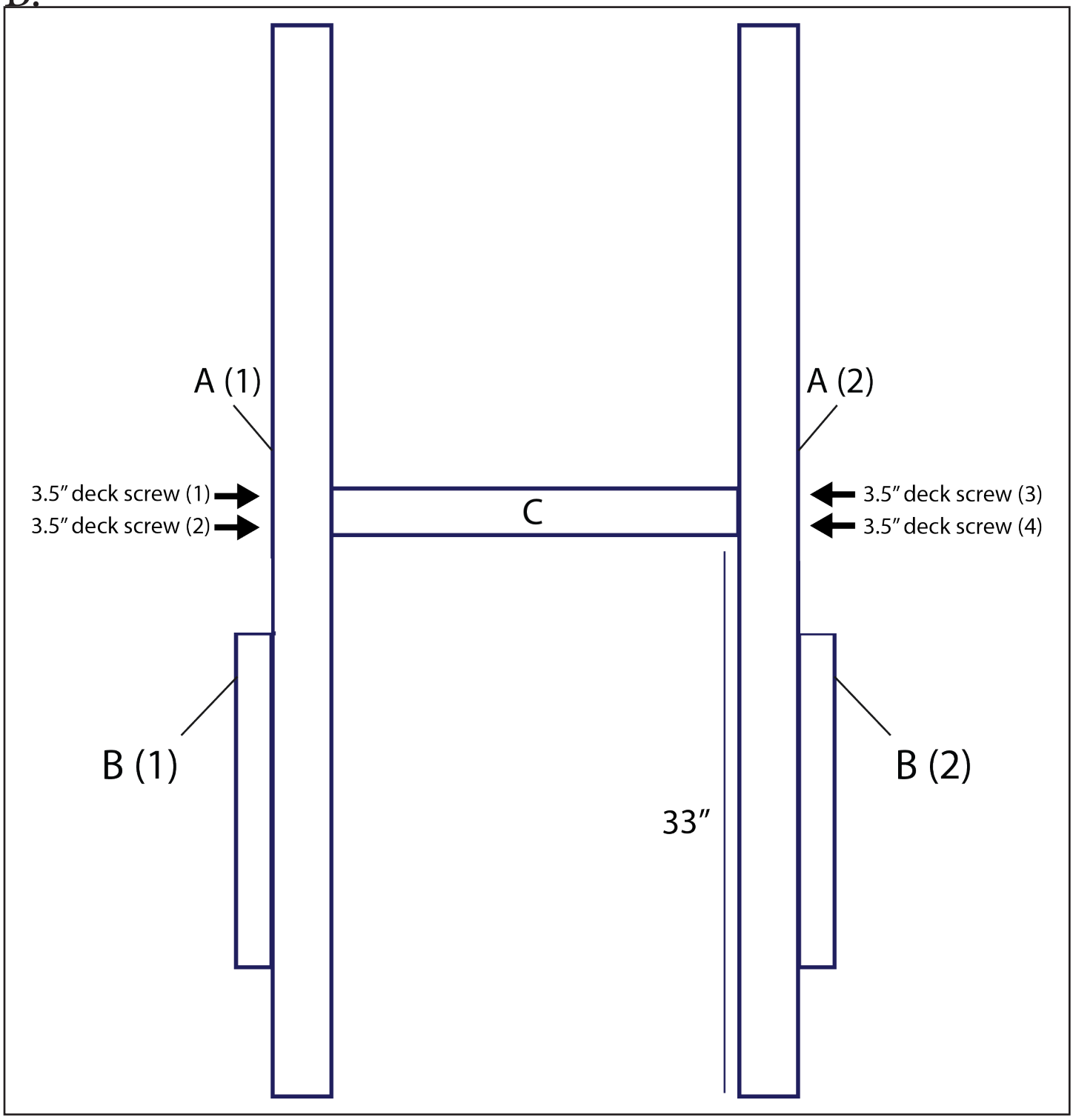


1. Lay out each A board with B, the inside brace.
Place H 5½” up from the bottom A uprights.

2. Using 4 of the 2 ½ “ deck screws, 2 per side, drill and secure A to B.

Step One (Continued)

B.

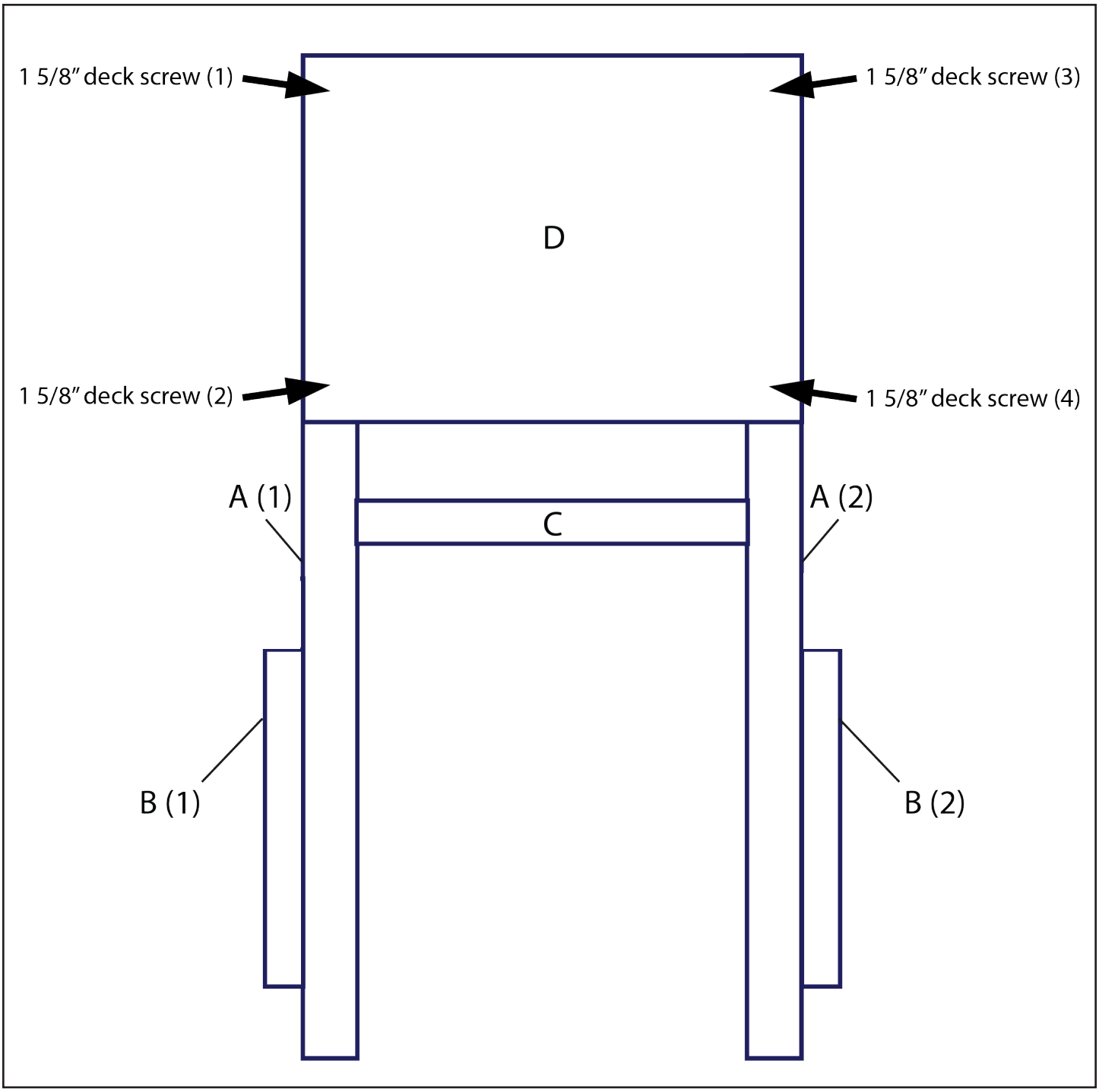


3. Lay out each A board with C, the connecting brace, placed halfway down the length of A (33”). Ensure C is facing outwards on both boards.

4. Using 4 of the 3 ½ ” deck screws, 2 per side, drill and secure A to C.

Step One (Continued)

C.

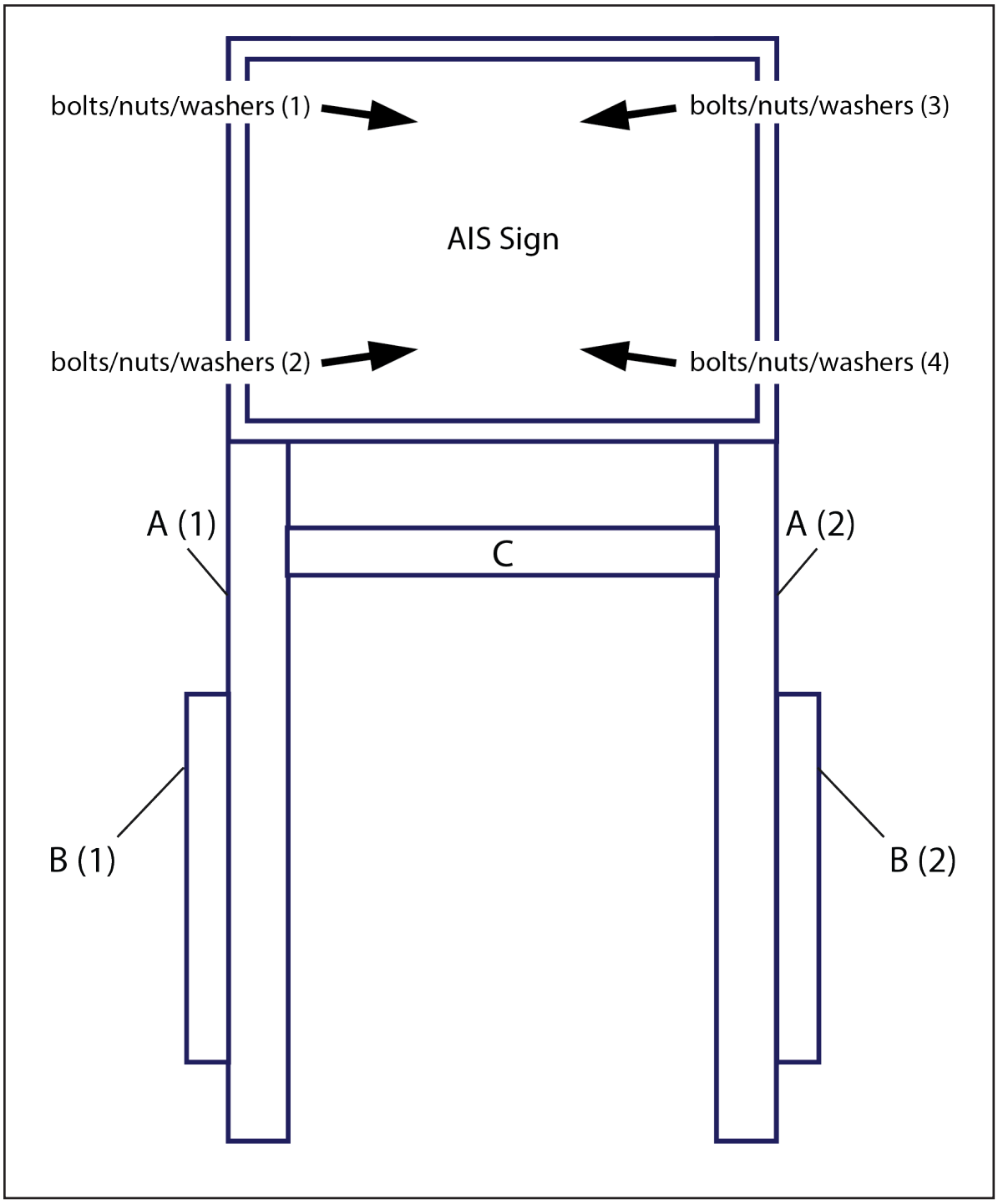


5. Lay D, the plywood backing, on top of the A boards, flush to the top of the posts.

6. Using 4 of 1 5/8" deck screws, drill and secure D at each corner.

Step One (Continued)

D.



7. Take the AIS sign, lay on top of the plywood board (D) and secure at the 4 pre-drilled locations with the 4 sets of bolts/nuts/washers.

Step Two: Building the Boot Platform/Base

Parts:

- Part E (Qty 2) 32” 2x6 - Side of base
- Part F (Qty 1) 27.5” 2x6 - Front of base
- Part G (Qty 1) 24.5” 2x6 - Back of base

Hardware:

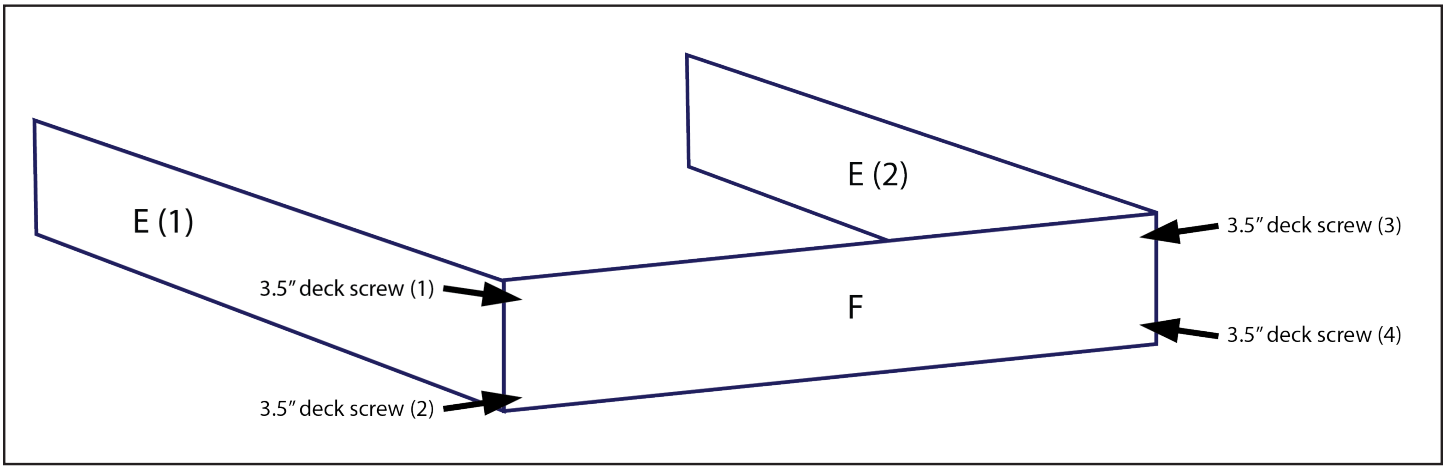
- 3.5” deck screws - 8

Tools:

- Electric drill
- Drill bits:
  #9 Deck screw size use 11/64” or 3/16” drill bit for clearance hole
- Impact driver
- T25 Bit for deck screws

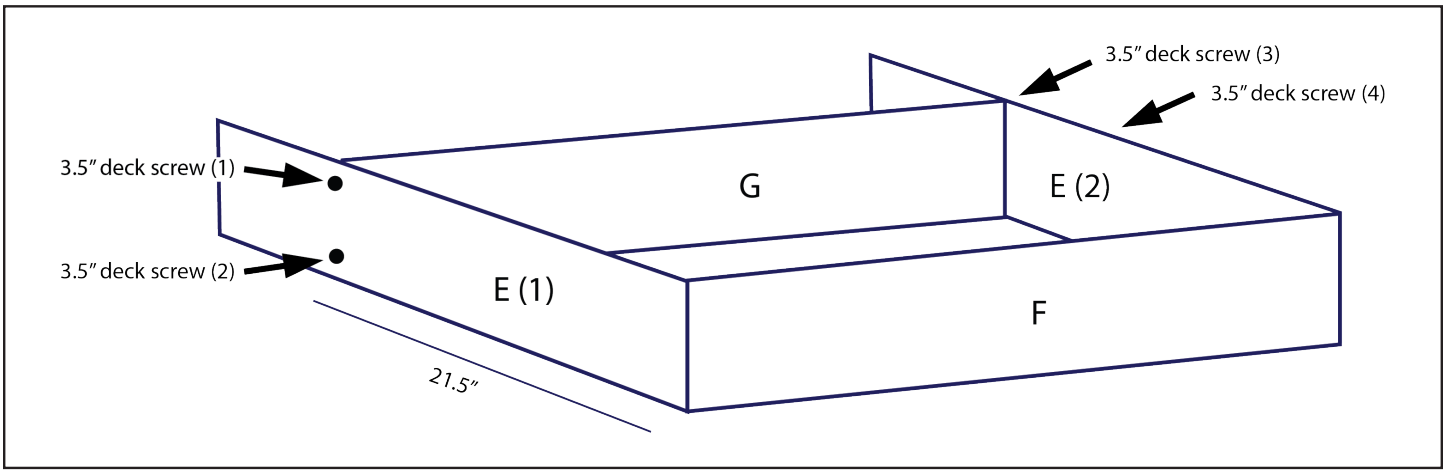
Step Two (Continued)

A.



1. Line up both E sides to F, using 4 of the 3 ½ ” deck screws and a driver to secure them together.

B.



2. Slide the back of the base (G) in between both sides (D) so it lines up to the pre-drilled holes on measured 21.5” from the front. Use a 2x6x18 ½” spacer to help.

3. Using the remaining four 3 ½ ” deck screws and a driver to complete the base frame.

Step Three: Boot Scrubber Platform Top

Parts:

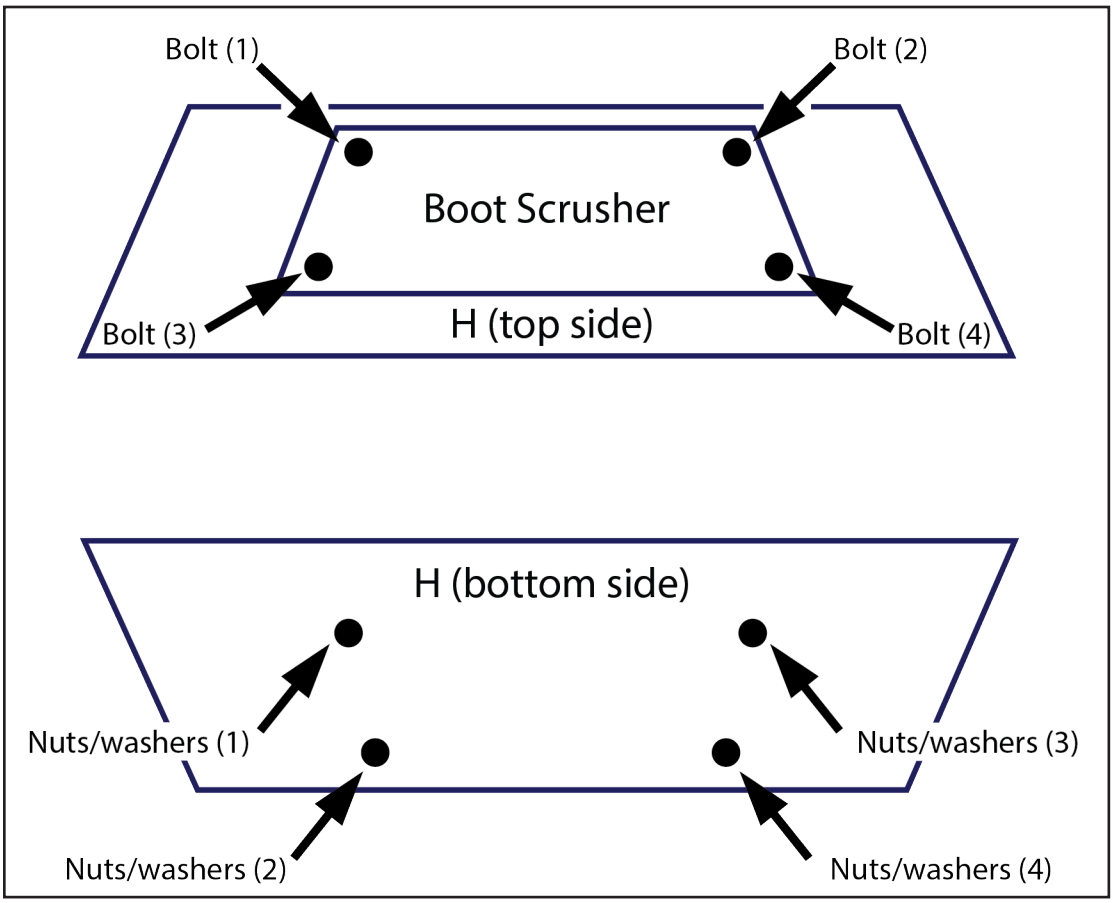
- H –21.5” x 27.5” plywood platform top
- Boot scrubber

Hardware:

- Bolts/nuts/washer sets – 4

Tools:

- 7/16” Socket wrench
- 7/16” Wench



1. Working in a team, hold up the plywood up so you can access the bottom. One person should hold the boot scrubber in line with the pre drilled holes, while the other secures them with bolts from above, and nuts/washers from below by hand.

2. After all four bolts, nuts, and washers are attached, use the socket and wench to tighten the bolts.

Step Four: Putting it All Together

Parts:

- Part I (Qty 2) = 27” 2x4 with angled cuts - Outside braces
- Part J (Qty 1) = 12’ cable
- Assembled Upright unit with Sign
- Assembled platform with boot scrusher
- Long handled Brush

Hardware:

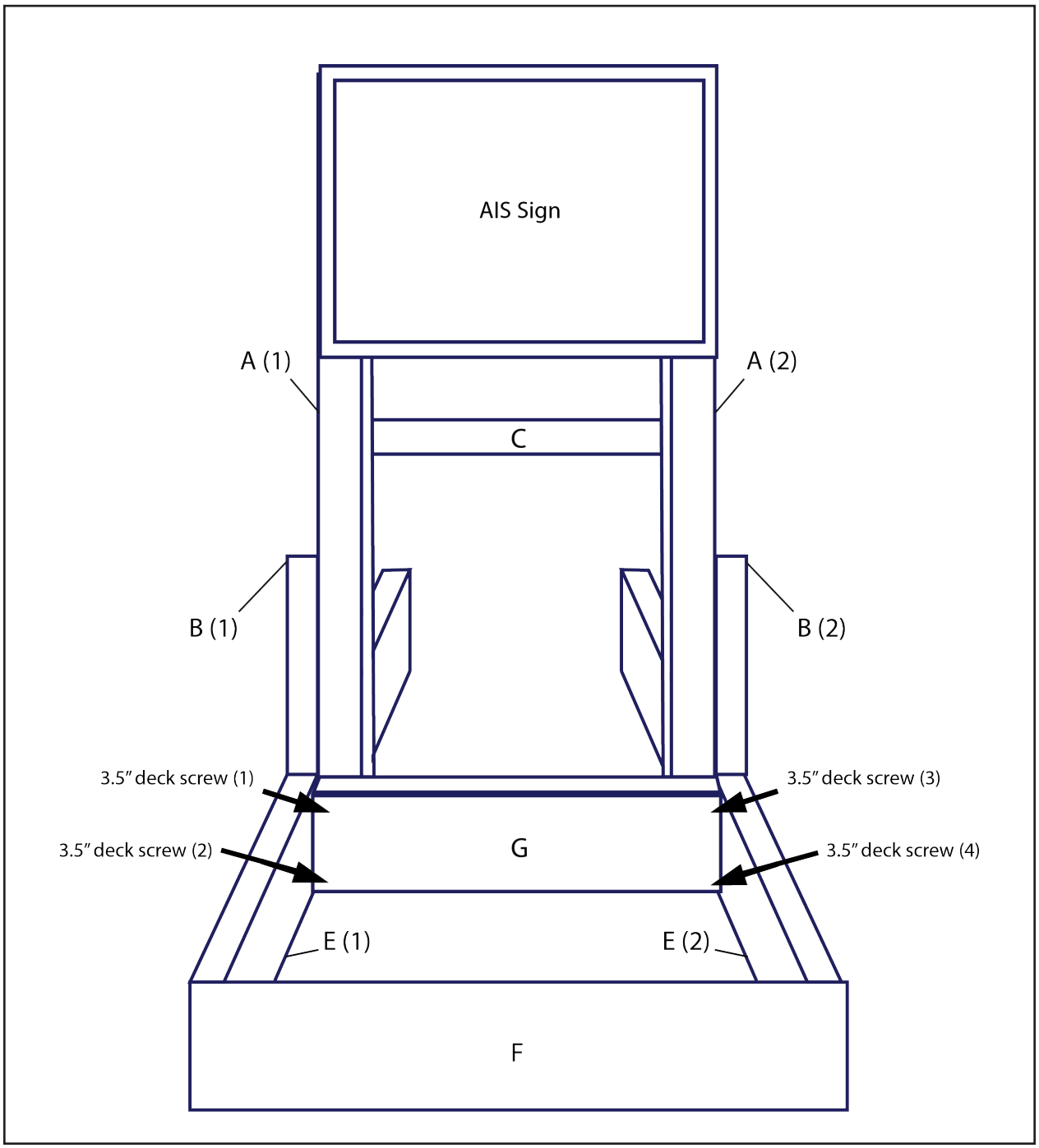
- 2.5” deck screws - 12
- 3.5” deck screws - 4
- 1 5/8” deck screws – 4
- 3/16” Cable Ferrule (Qty 1)
- Cable 12’ Length (Qty 1)

Tools:

- Drill bits
  - #8 Deck screw size use 5/32” or 11/64” drill bit for clearance hole
  - #9 Deck screw size use 11/64” or 3/16” drill bit for clearance hole
  - ¼” bolts use 9/32” drill bit for clearance hole
- Impact driver
- T25 Bit for deck screws (star head)
- Crimper

Step Four (Continued)

A.

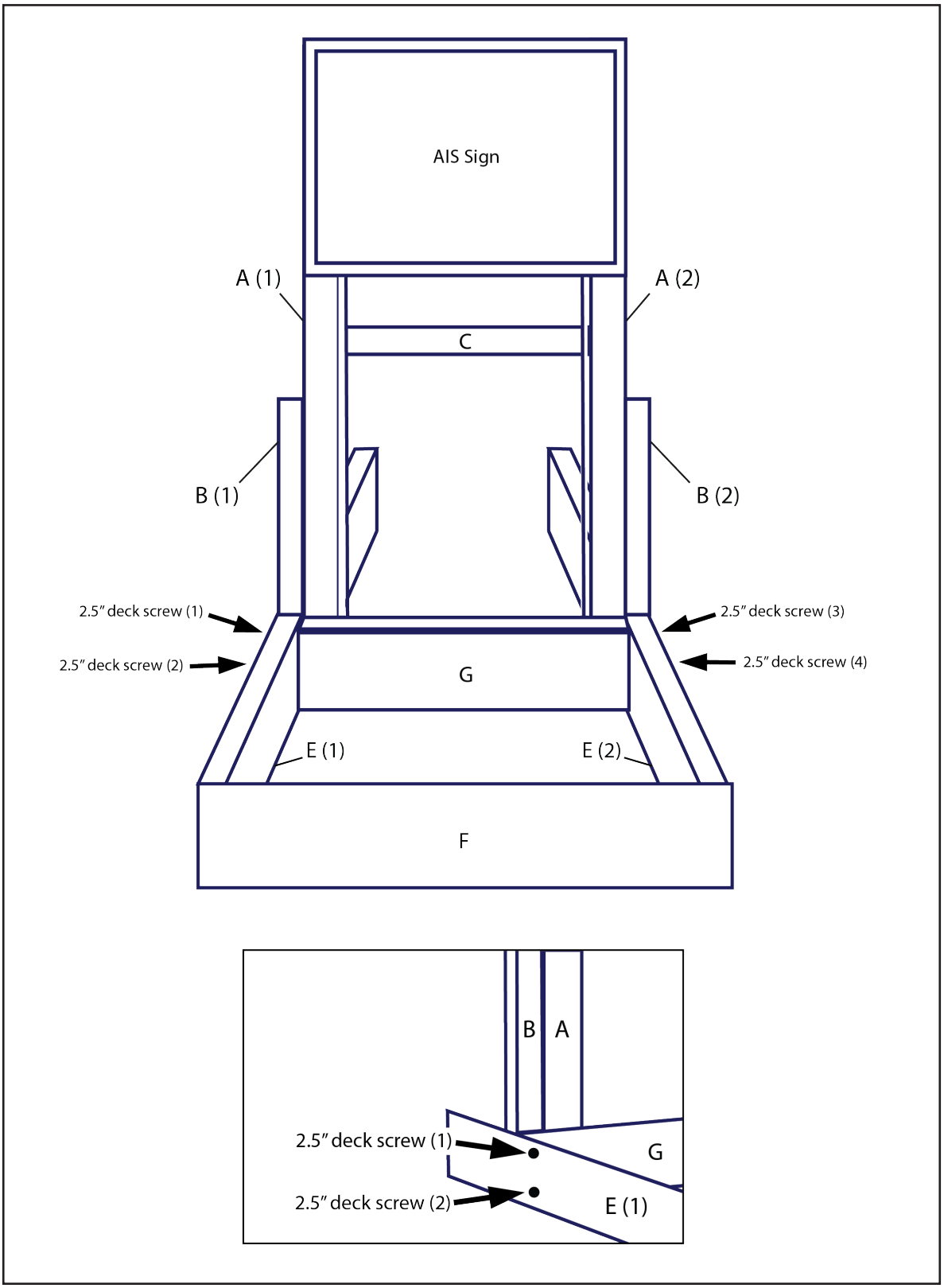


1. Working in a team, hold up the upright portion and line it up to the base. It will slide in between both (E) boards, up against (G), the back of the base.

Part B should rest on top of the E boards. Drilling from the inside of (G) secure the upright frame to the base using 4, 3.5” deck screws, 2 at each end.

Step Four (Continued)

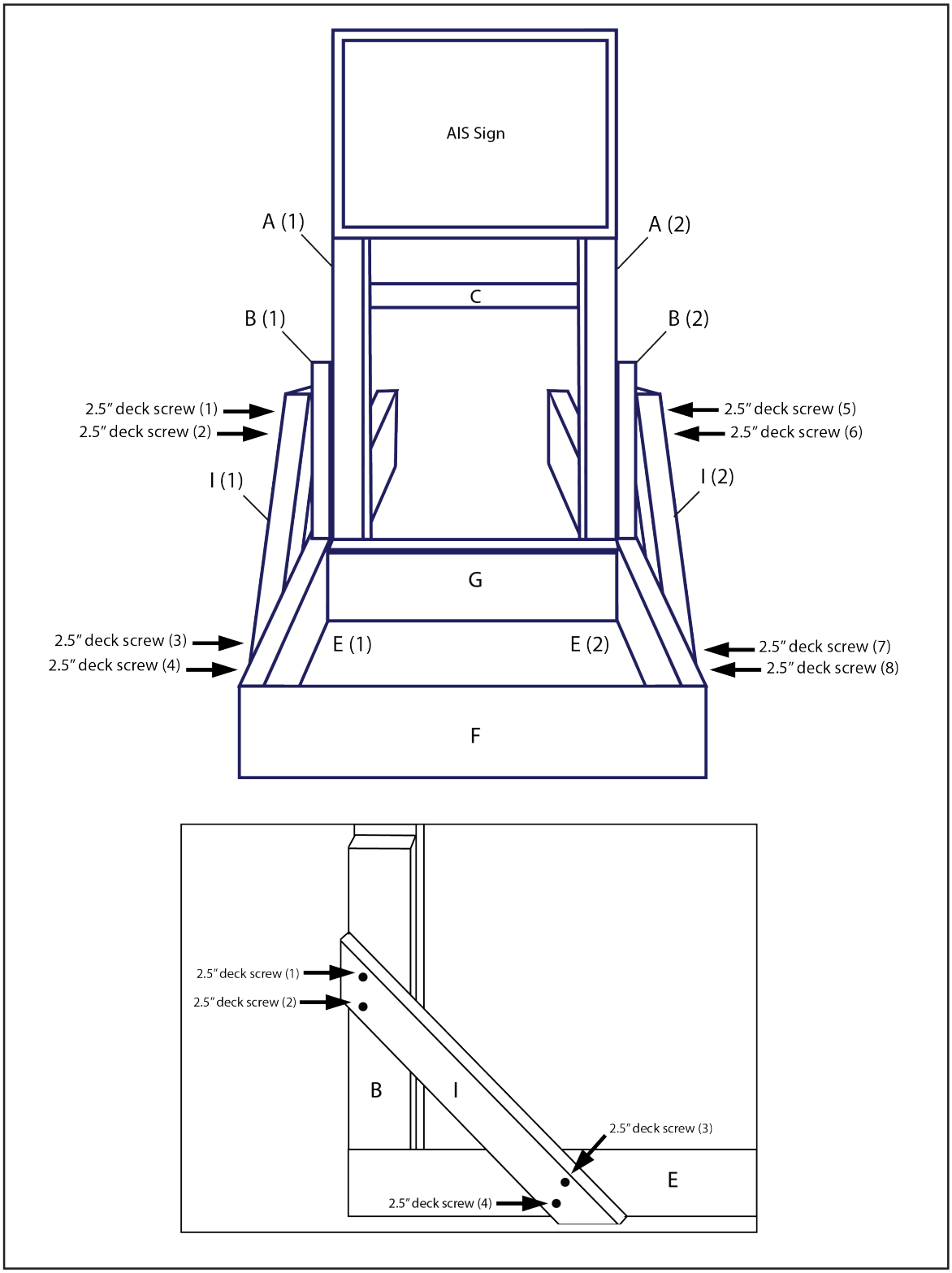
B.



Complete this step by securing with an additional 4, 2.5” deck screws, drilling 2 screws through the outside of each (E) board into the upright frame (A boards).

Step Four (Continued)

C.

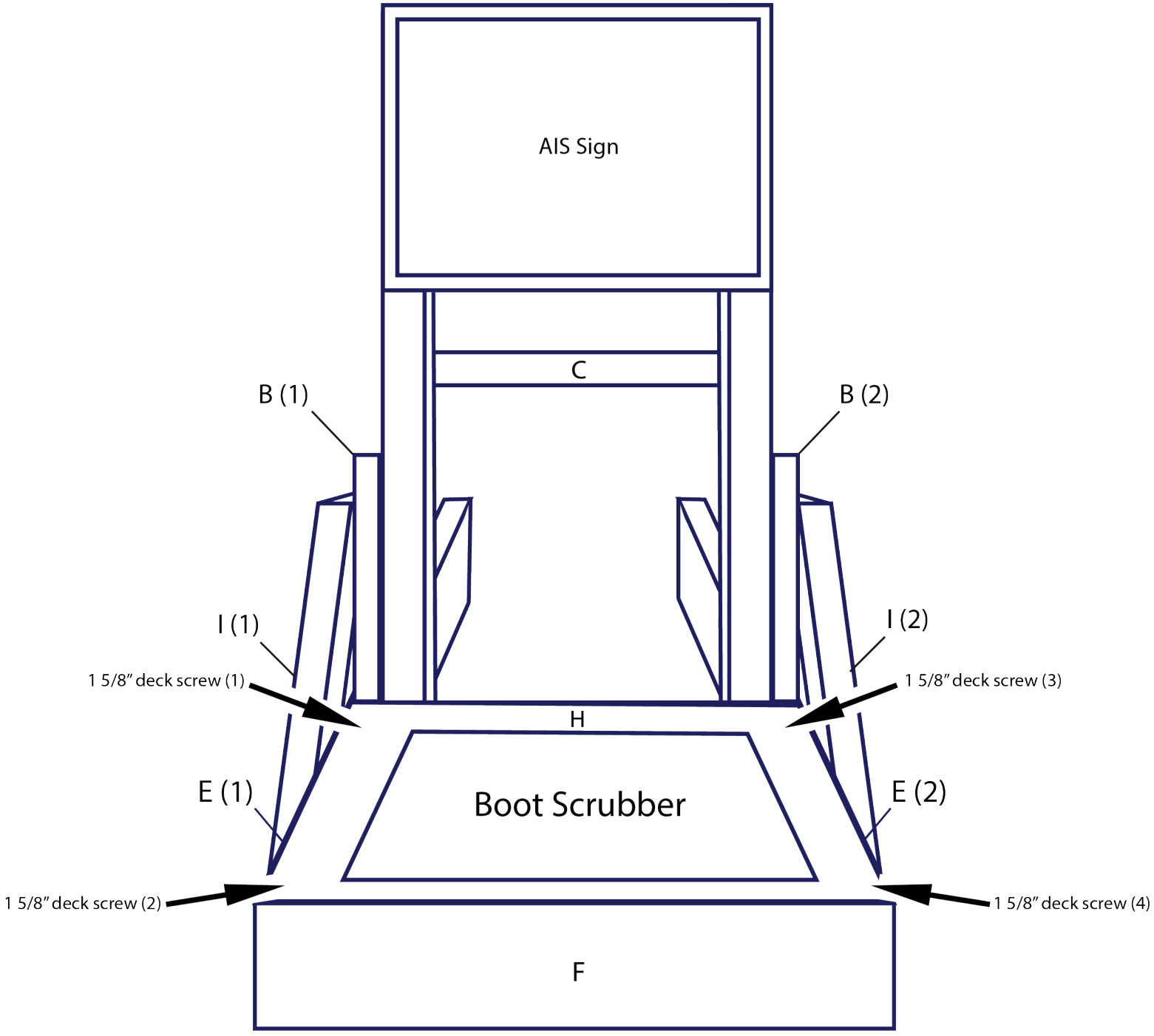


2. Add the outside braces (I), drilling them into the inner braces (B) and the bottom sides (E) using 8, 2.5" deck screws.

- Use 4 screws to attach the top of I to B – 2 on each side
- Use 4 screws to attach the bottom of I to E - 2 on each side

Step Four (Continued)

D.



3. Lay G, the platform top on the assembled base. Secure at 4 corners with 1 5/8" deck screws, using drill.
4. Final step! Using the 3/16" Cable Ferrule and crimper attached the long handled brush to the cable and the cable to the center brace (Part C).