

SYSTEM 1224
"FLOOR TO CEILING"
ASSEMBLY & INSTALLATION

SYSTEM 1224 "FLOOR TO CEILING SETUP"

SYSTEM OVERVIEW

PAGE
1 of 7

GENERAL SCOPE: System 1224 has traditionally been a wall-mounted system, confined to the vertical exteriors of a space. B+N now offers a way to install System 1224 virtually anywhere in an environment by utilizing a Floor To Ceiling Upright. This document details a basic Floor To Ceiling installation. It is necessary to familiarize yourself with System 1224 basics by reading "System 1224 Assembly and Installation Instructions" which covers many details not covered in this document.

PROVIDED:

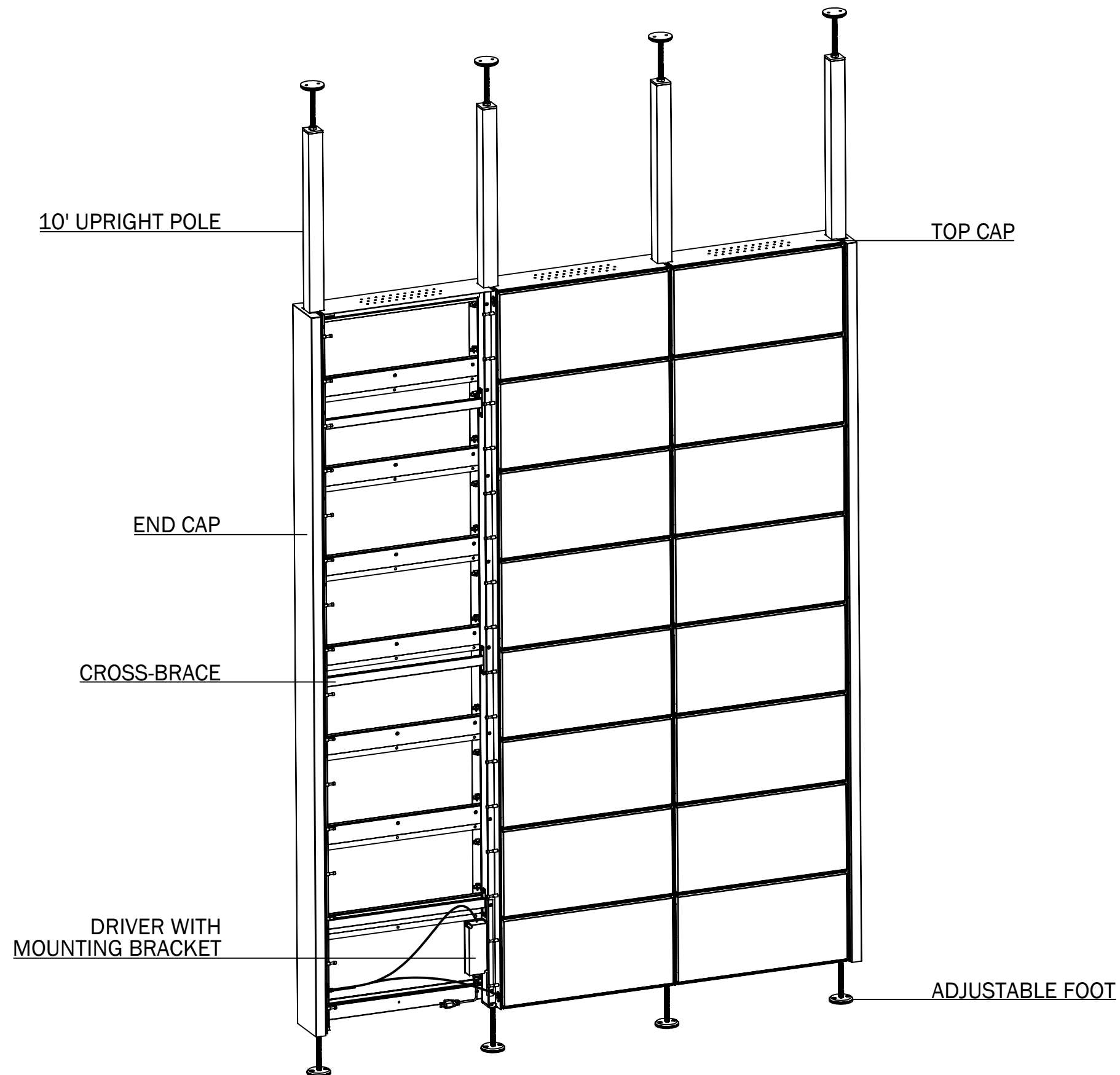
(2) 5/32 Allen keys

NOT PROVIDED:

- Appropriate hardware to attach feet to ceiling and floor.
- Cord management materials like double-stick tape, zip ties, velcro and other material.

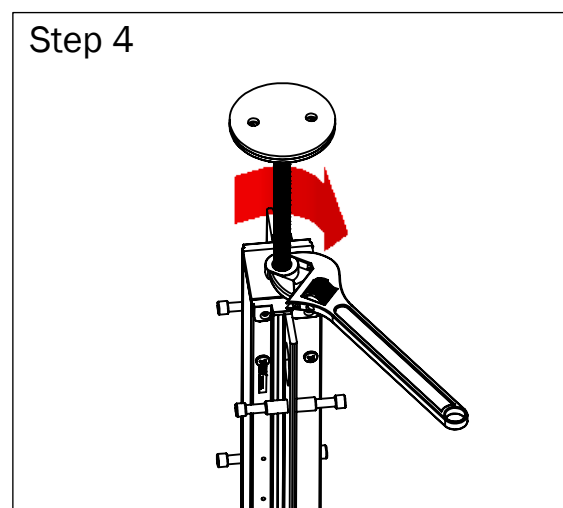
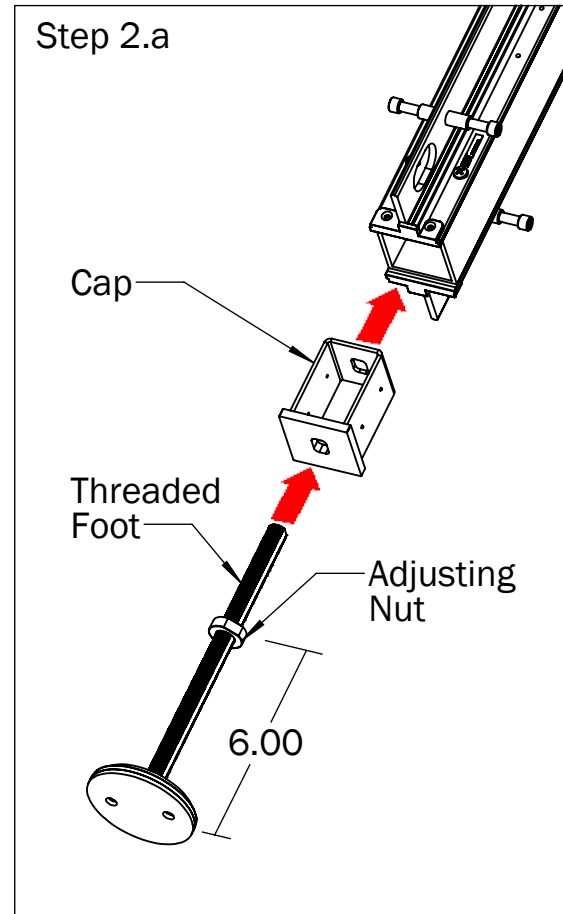
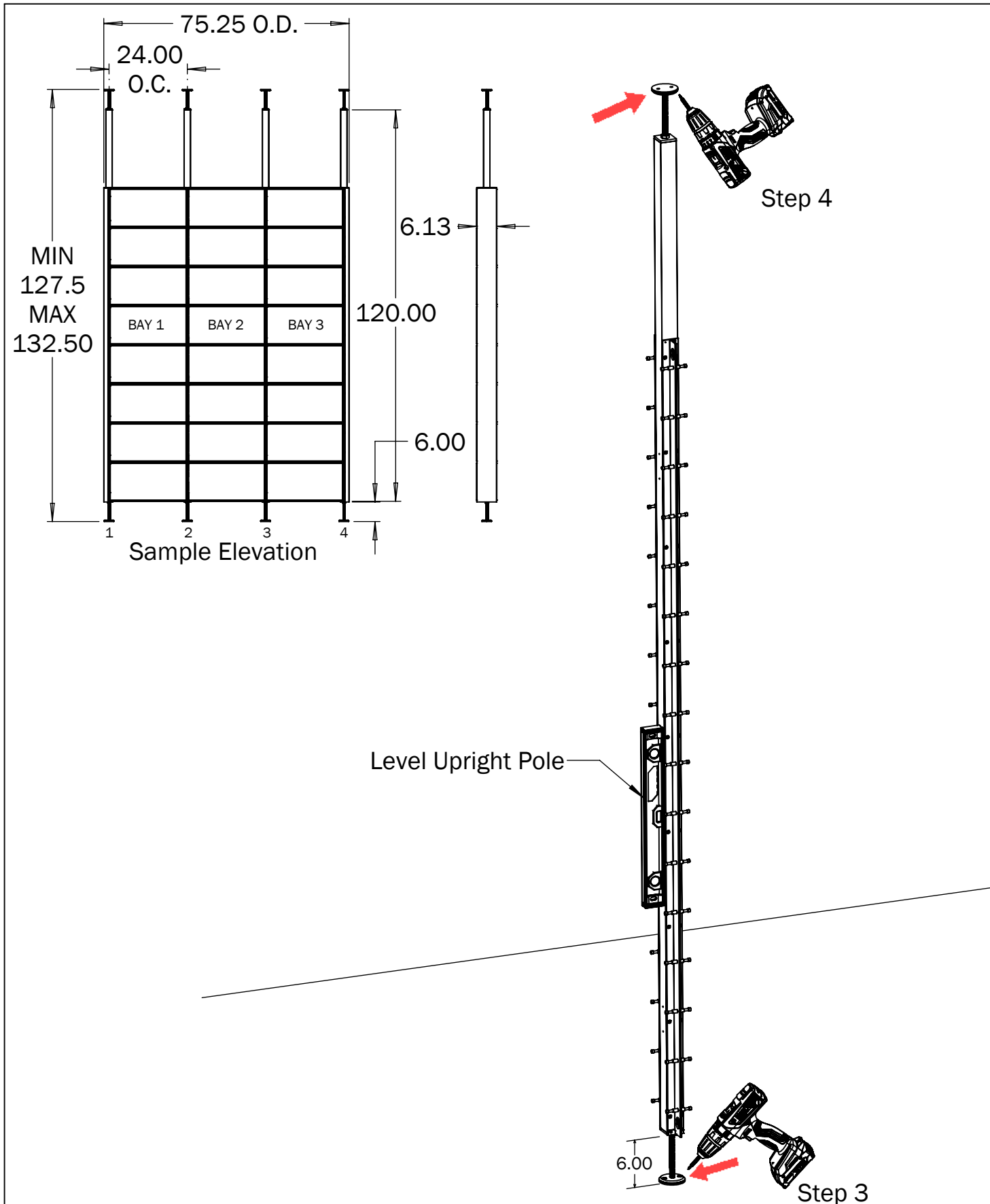
RECOMMENDED TOOLS:

- Hand Drill + necessary drill and driver bits
- Large crescent wrench
- Levels
- Tape Measure



SYSTEM 1224 "FLOOR TO CEILING SETUP"

INSTALLING 1ST UPRIGHT



STEP 1: Based on drawings provided, plot out the location of the elevation, and determine the starting place of the first upright. Using tape or a chalk line, create a straight line on the floor for the elevation to follow. Finally, insure that the ceiling is 127.5" to 132.5" in height. If the ceiling is lower than 127.5", modification of the poles may be necessary. If the ceiling is higher than 132.5" blocking will need to be constructed.

If the elevation is to be electrified, the G.C. is to insure that appropriate electrical outlets can be reached from the elevation at either the ceiling or floor.

The Floor To Ceiling poles are composed of 8' *System 1224* Uprights with pins that are pre-attached both sides to a 50mm X 50mm X 10' long square pole. Both ends are capped with a threaded, adjustable foot.

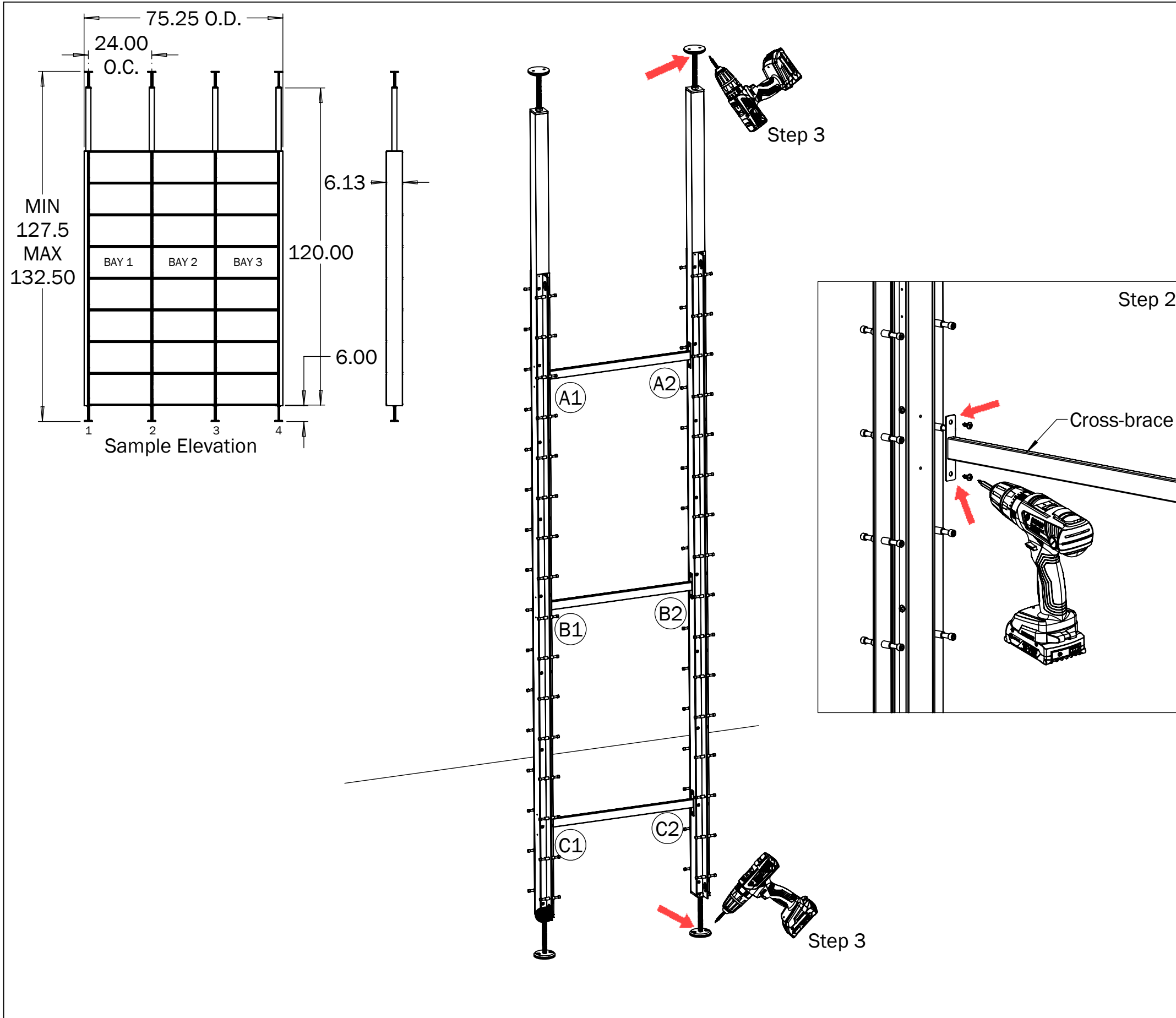
STEP 2: Insert caps into both ends of the pole.
2.a) For the floor side, adjust the threaded foot by rotating the adjusting nut until the bottom of the foot measured to the bottom of the upright is 6".
2.b) For the ceiling side, create as much slack as necessary so that the upright can be lifted to vertical position.

STEP 3: Raise the pole to vertical, orienting it in the direction desired. Position the bottom foot centered in the starting location. Using appropriate screws mount the bottom foot to the floor. The G.C. is to determine correct mounting hardware for the floor material. While one person holds the pole, another will level the pole.

STEP 4: On the ceiling side of the pole, tension the foot against the ceiling by screwing the adjusting nut. Verify level one more time and then fully tension the top foot with a wrench. Using appropriate screws mount the top foot to the ceiling.

SYSTEM 1224 "FLOOR TO CEILING SETUP"

INSTALLING 2ND UPRIGHT



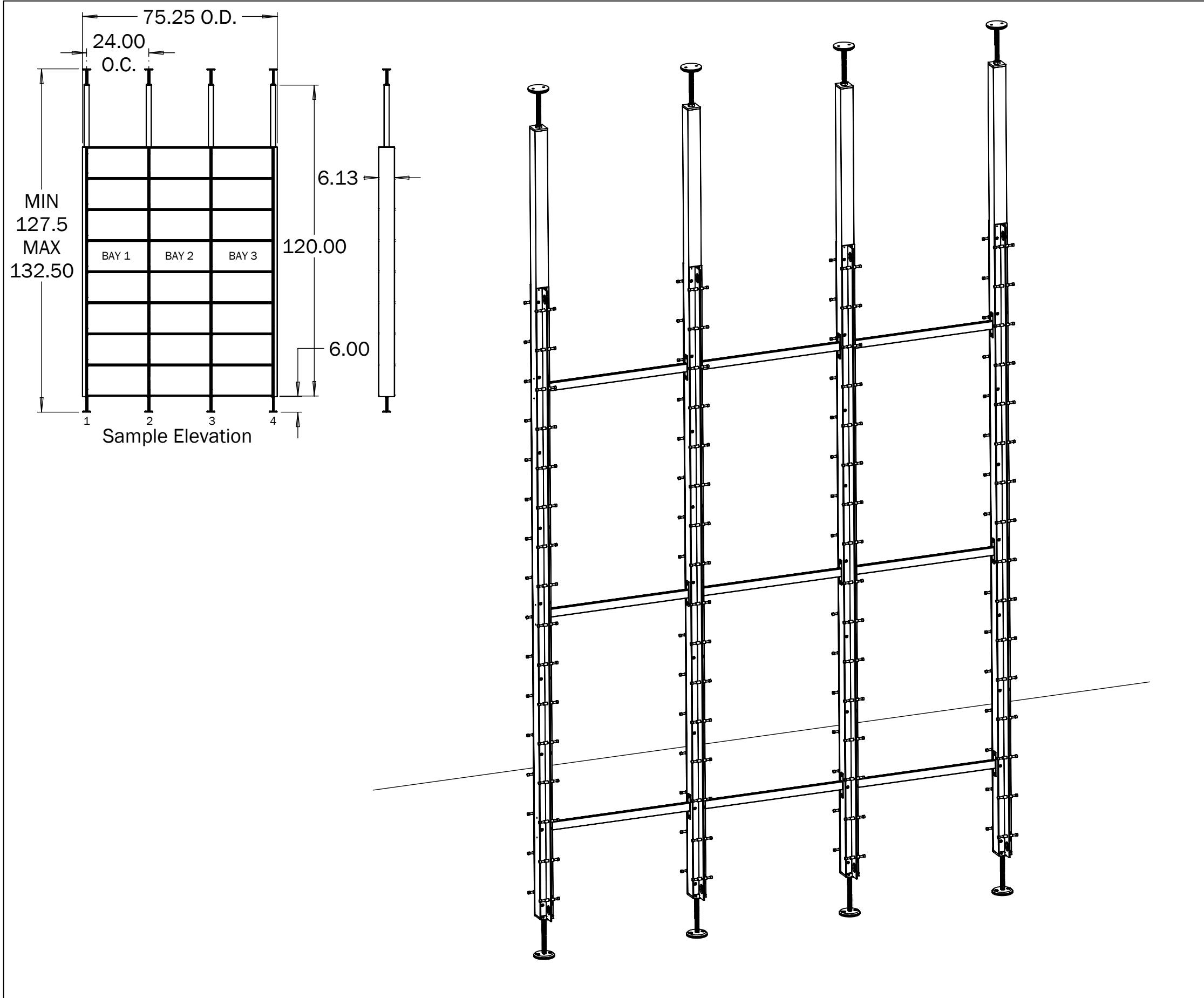
STEP 1: Setup the next upright pole similarly to the first, with the threaded foot measuring 6". Lift the upright pole vertically into approximate position, following the floor line marking.

STEP 2: Upright poles are connected by cross-braces. Cross-braces keep the uprights properly spaced and also add rigidity to the elevation. Three cross-braces connect two poles, and are attached by two sheet metal screws (provided) on each end. The poles have predrilled pilot holes (marked A, B, and C in the diagram). While one person holds the 2nd pole vertically, another will attach the cross-braces to the poles.

STEP 3: After all three cross-braces have been attached between both poles, position the 2nd pole into place. Again level the pole. Screw the foot to the floor, tension the top foot to the ceiling, and screw the top foot to the ceiling in a similar fashion as performed on the 1st upright.

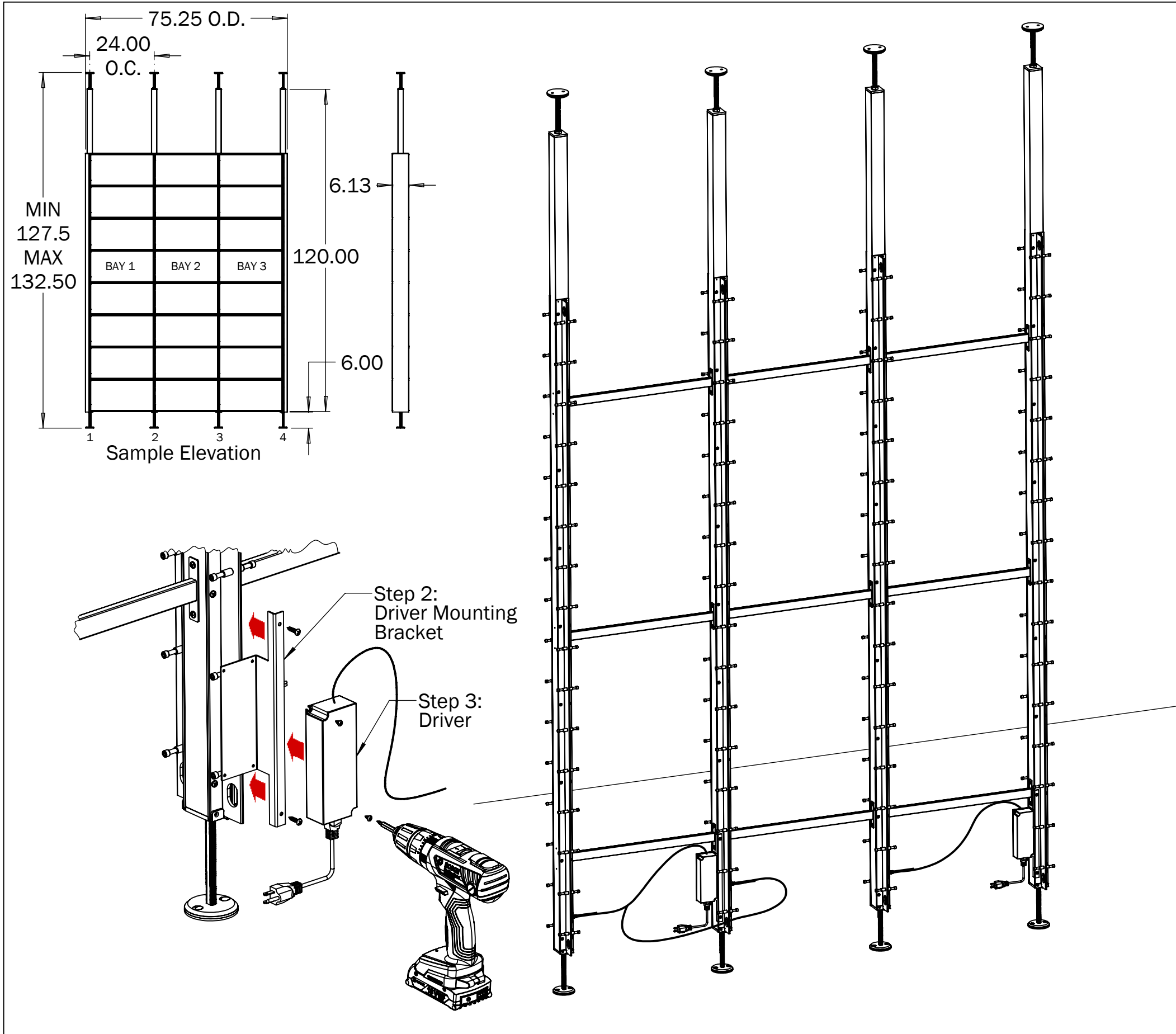
SYSTEM 1224 "FLOOR TO CEILING SETUP"

FINISH UPRIGHT INSTALL



STEP 1: Following the steps on the previous pages, set up the remaining upright poles. Re-tension the ceiling side uprights one more time. Remaining cross-braces will not be used.

SYSTEM 1224 "FLOOR TO CEILING SETUP"



OVERVIEW

Floor To Ceiling *System 1224* elevations can be electrified similarly to wall-mounted systems by use of drivers connected to the uprights. Please refer to the "System 1224 Assembly and Installation Instructions" for more details on electrifying the system. If your elevation is not electrified you may skip to the next page of instructions.

STEP 1: Drivers are mounted to the upright poles by use of a mounting bracket. The bracket shares two mounting screws with the upright to the pole. Determine the best location vertically to mount the upright based on where the power cord will be connected to the outlet (ceiling or floor). Remove the two screws holding the upright to the pole from the location desired.

STEP 2: Using the two longer sheet metal screws (included) with the mounting bracket, attach the bracket over the upright.

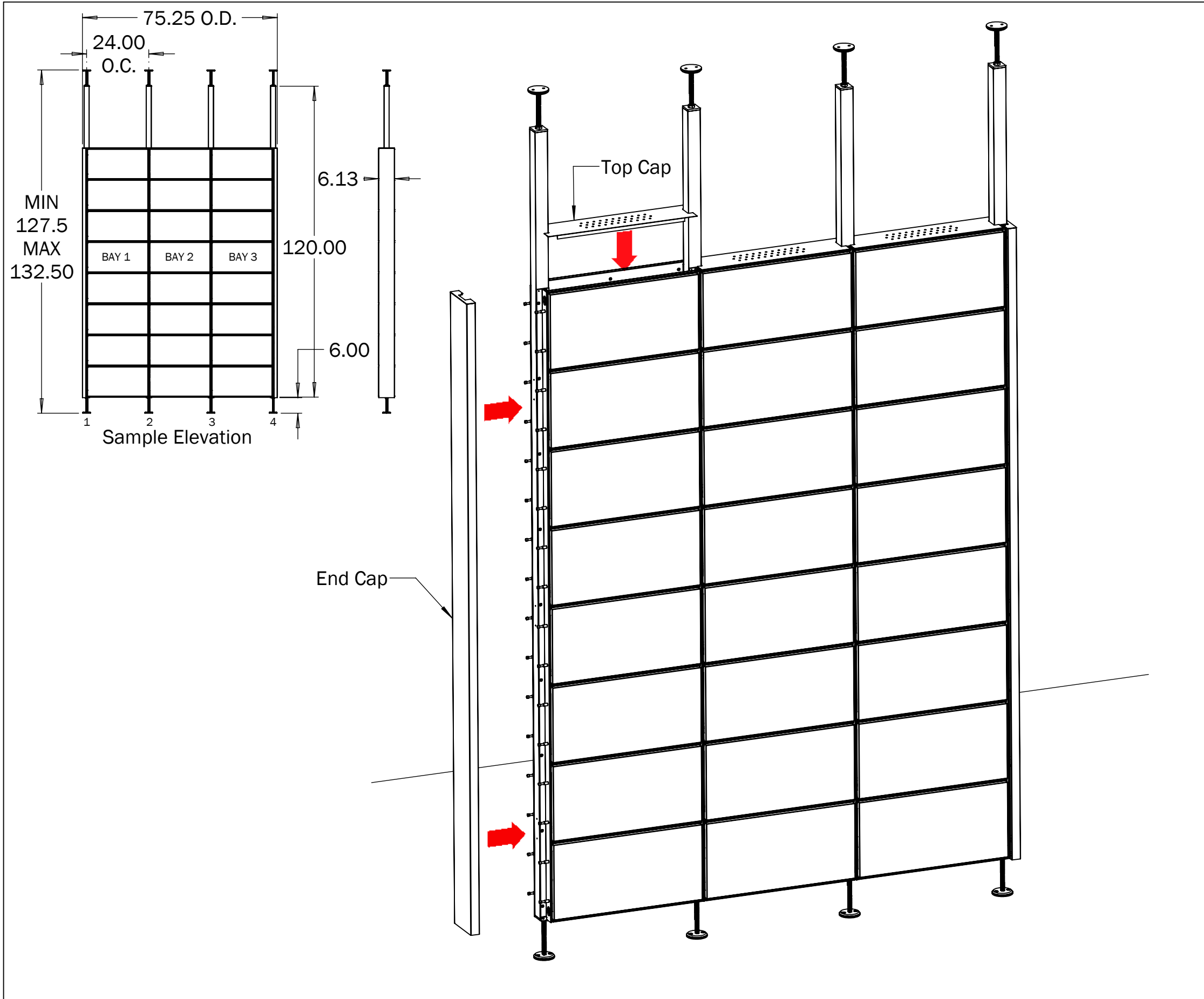
STEP 3: Next, using the two shorter screws (included), secure the driver to the bracket.

STEP 4: Referring to the "System 1224 Assembly and Installation Instructions" attach the power connectors as needed. Plug the driver power cord into the outlet. The system is now electrified and ready for lit accessories.

SYSTEM 1224 "FLOOR TO CEILING SETUP"

PANELS, END & TOP CAPS

PAGE
6 of 7



OVERVIEW

The Floor To Ceiling elevation is finished off similarly to the wall-mounted system with panels, and utilizes a specific end cap and optional top cap.

STEP 1: Install the panels, both sides, by following directions in the "System 1224 Assembly and Installation Instructions."

STEP 2: Install the end caps. The back of the end caps are slotted allowing the end cap to be lifted onto the protruding upright pins on the end. The end caps slots then rest of the notch of the pins.

STEP 3: Finally, add the top caps (optional accessory) by simply lifting them up and in between the upright poles. The top caps rest on the top surface of the panels.

The Floor To Ceiling *System 1224* elevation is now finished and ready for adding accessories.

**Thank you for choosing
SYSTEM 1224!**



650.593.4127 WWW.BNIND.COM