

# AREA TREATMENT DÉCOR PACKAGE

ASSEMBLY & INSTALLATION INSTRUCTION SHEETS

>> READ PRIOR TO ASSEMBLY AND INSTALL<<

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## **A. BRIEF DESCRIPTION – AREA TREATMENT DÉCOR**

In order to minimize field installation time and reduce the number of instruction sheets needed for assembly and installation, All State Mfg. has partially pre-assembled this Area Treatment Décor Package order.

A Purchase Order for Area Treatment has specified the overall length of the vending bank (in inches or feet/inches) and the number of end panel assemblies needed (i.e. the overall depth of end panel needed and whether end panels are even needed at the ends of the vending bank).

Using this information, All State Mfg. is able to select, from specific bills of material, all components required to pull the order and pre-assemble as per the Customer's Purchase Order requirements.

Since All State's valence design offers built-in adjustment range, the Customer need not to worry that there are slight discrepancies in the overall measured length of the vending bank or that modifications had to made in the equipment selected for use in the vending bank. Since the pre-assembled lengths of valences can be field adjusted for overall length within an established design range, the All State Mfg. Area Treatment Décor Package can easily accommodate these types of unforeseeable problems.

Just remember that factory pre-assembly of valence sections and end panels (if ordered) have been done using the dimensional information supplied with the verbal or written Purchase Order. If field modification is needed to correct for changes after the order has processed, there is adjustment, built-in and available, between valences.

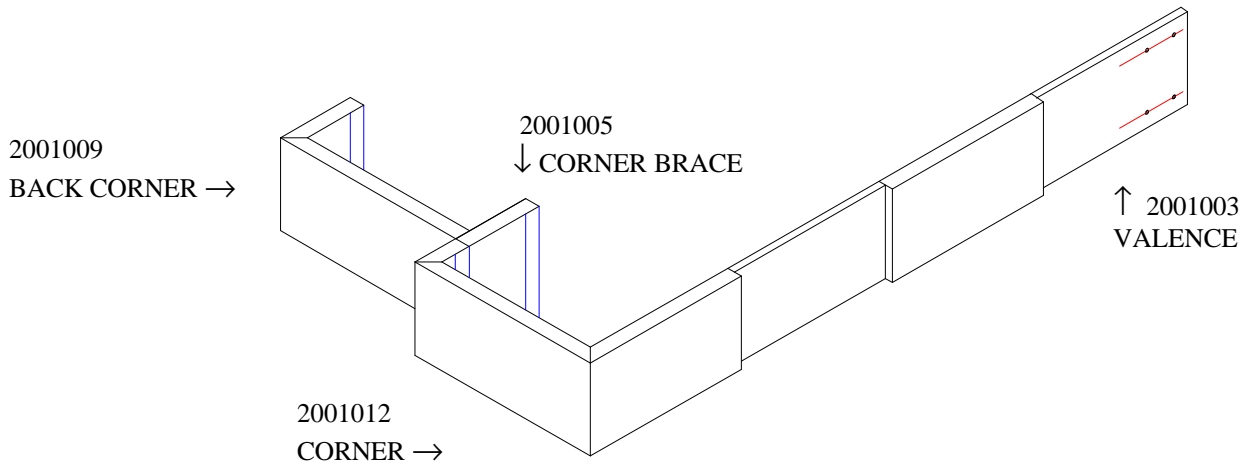
Based upon Customer supplied information regarding bank arrangement (layout of the bank – i.e. straight, 90° turn, etc.) and overall length (measured from end cabinet to end cabinet) of the installed equipment, All State Mfg. has predetermined and set the gaps needed between pre-assembled valence sections. Those pre-assembled sections, needing final field assembly, will have the set points marked on the backside of the pre-assembled sections. Once all valence sections have been field assembled end-to-end, measure the overall length of the entire assembled valence length. Use the instructions on page 6 to compare the measured valence length to the measured vending bank length.

## **B. DESCRIPTION OF ITEMS SHIPPED PRE-ASSEMBLED**

The following provides a visual description of the pre-assembly done at the Factory prior to shipment to the Customer. An Order may not necessarily include all of the following, but will include, at the least, End Valence Assemblies.

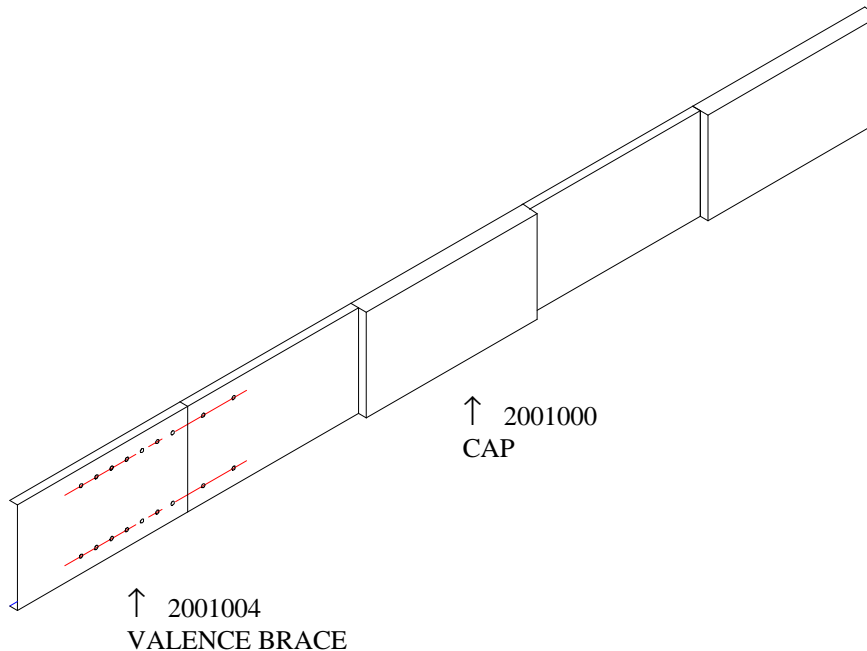
### End Valence Assemblies

(1 on each end of Area Treatment Décor)(LH End Valence Assembly shown-RH opposite)

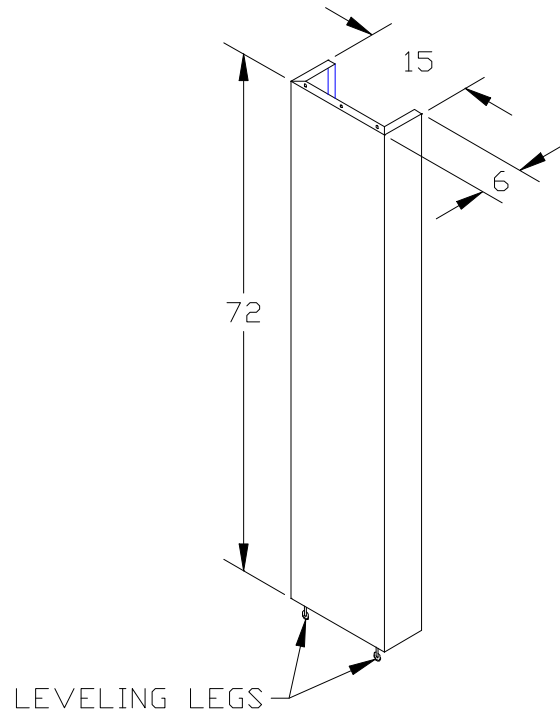


### Intermediate Valence Assemblies

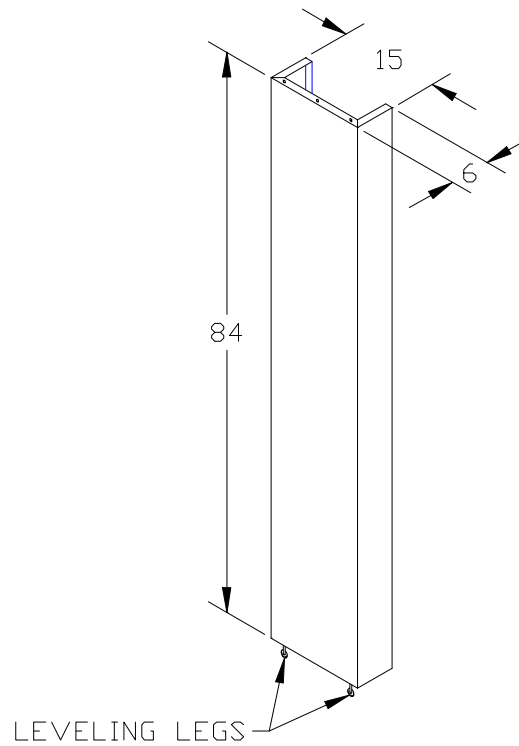
(Number shipped varies depending upon the overall length of the vending equipment bank.)



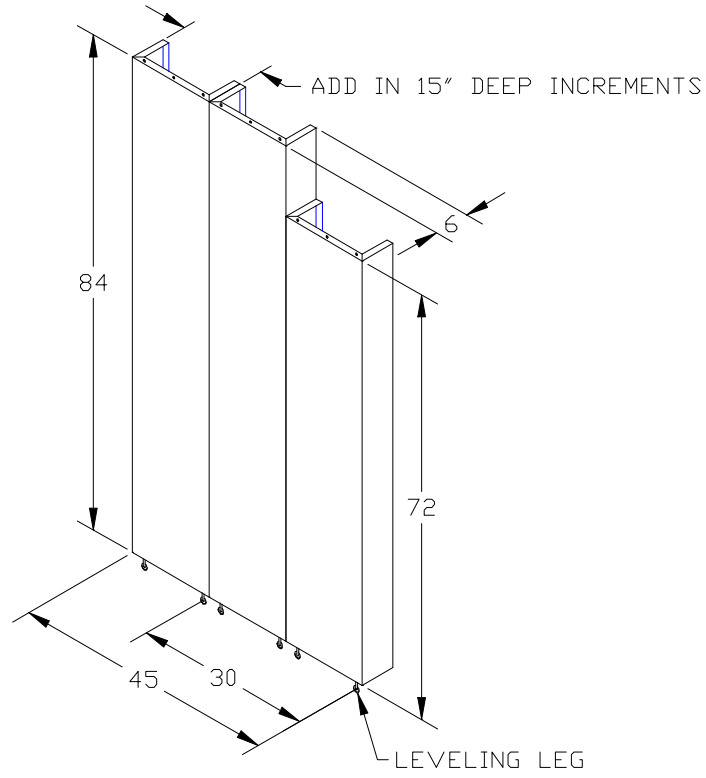
15" Deep Standard End Panel Assembly  
(Assembly height is 72" less the leveling legs)



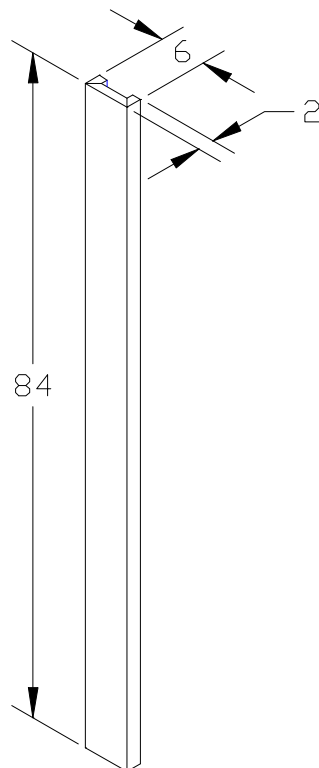
Optional 15" Deep End Panel Extension  
(Assembly height is 84" less the leveling legs)



Optional 30" or Deeper End Panel Assembly



Optional 6" Deep End Panel Extension  
(Assembly height is 84")



### **C. PLACEMENT & LEVELING OF VENDING MACHINE BANK**

Good placement and leveling of vending machines will greatly aid in the process of installing the Area Treatment Décor Package. Leveling or relocation of machines after beginning the Area Treatment installation process will be difficult and time consuming.

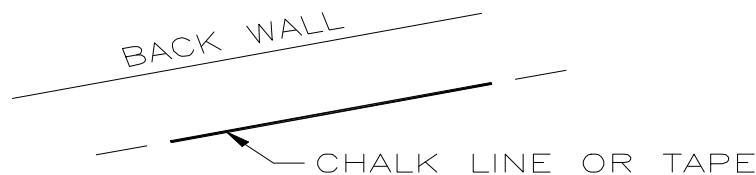
Important Note – Each end vending machine cabinet depth (the depth from the front trim to the back of the cabinet) must be a minimum of 21” deep. This will allow for an attachment location, on the end machine cabinet top, for the rearward extension of the end valence assembly.

1. Measure out from the back wall “x” inches on each end of the vending machine bank location. The “x” dimension will establish the location of the fronts of all vending machine cabinets from the back wall.

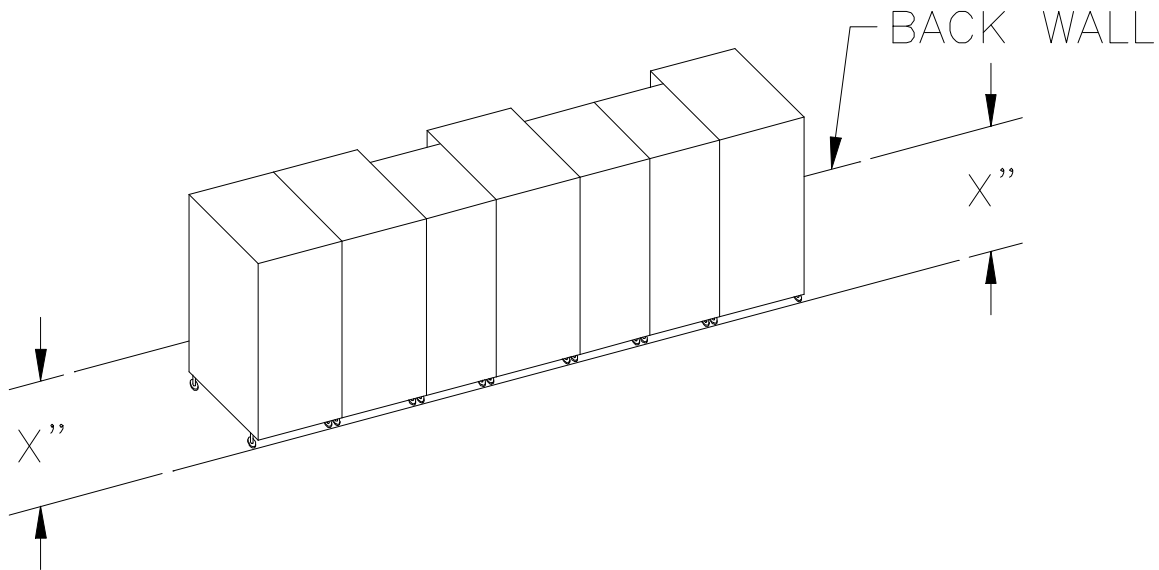


NOTE – If the Area Treatment order required end panel assemblies that will extend back to the back wall, the “x” dimension will have been specified at time of order.

2. Use a chalk line or masking tape to lay down a line between the measured “x” points on each end of the bank location.



3. Set vending machine fronts at the marked line using a carpenter's square.



4. All machine cabinet sidewalls must be butted firmly together.
5. Using a bubble level, level all cabinets side-to-side and front-to-back, setting the height of all cabinet tops at 72" above floor level.
6. As needed, bolt cabinet walls together.
7. As needed, brace cabinet rear legs or cabinet backs to the back wall to keep the cabinets from sliding toward the wall.
8. Inspect the final location and leveled positions of the vending bank cabinets.
  - Visually inspect alignment of cabinet fronts by sighting down the front top edge of cabinet tops, checking for bank straightness.
  - Check for side-to-side and front-to-back levelness on all vending machine cabinets at both adjacent cabinet tops and bottoms.
  - Check the height from top of cabinet to floor. This measurement should 72".

The vending bank is now ready to accept the installation of Area Treatment Décor.

#### **D. TOOLS REQUIRED FOR AREA TREATMENT INSTALLATION**

- \*\* 1/4" magnetic nut driver attachment (shipped with Area Treatment Order)
- Electric Drill
- Flat tipped screwdriver
- 11/32" open or box end wrench or nut driver or 1 1/32" socket and ratchet
- Pliers or wrench
- White chalk stick or legible marker
- Stepladder

\*\* All State Mfg. has included (1) 1/4" magnetic nut driver attachment with the Order shipment. The magnetic feature makes it much easier to hold hardware during installation.

## **E. INSTALLING THE AREA TREATMENT DÉCOR PACKAGE ON LOCATION**

This Area Treatment Décor Package Order has been pre-assembled and shipped as per the specifications given by the customer at time of order.

Customer specifications included the following information:

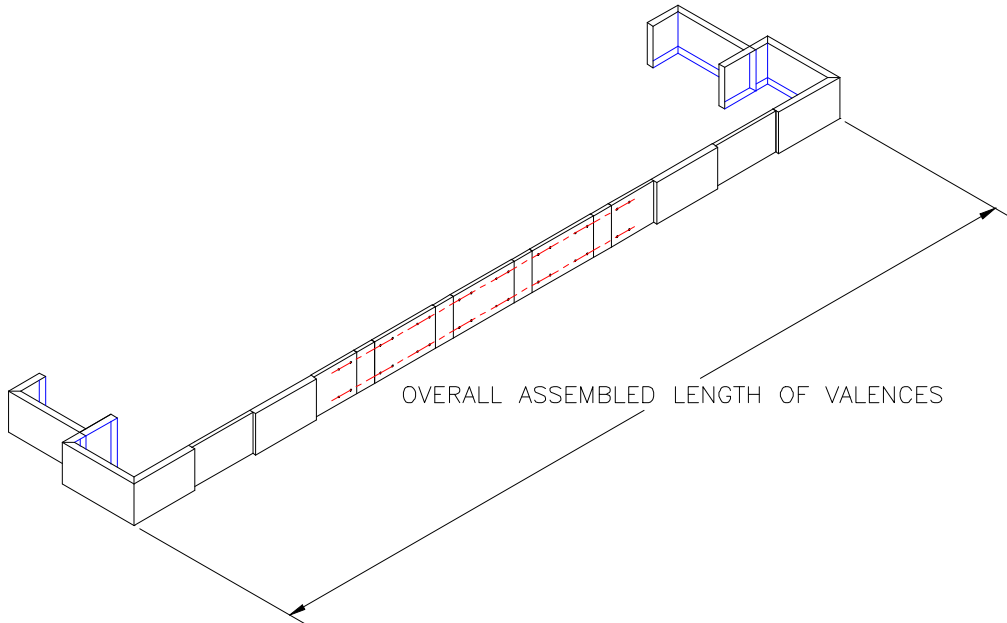
- Overall length of the vending bank in inches or feet/inches
- Arrangement of the vending bank (i.e. straight, 90° corner turn, etc.)
- The type of end panel arrangement required (i.e. no end panels, end panel on one end only, end panels on both ends)
- The combined depth (in 15" deep increments) of the end panel assemblies being ordered. (15" std. depth, 30" deep, 45" deep, etc.)
- Paint colors required

This specification information has allowed All State Mfg. to fabricate, paint, and pre-assemble the Area Treatment Décor into sections in order to minimize on-site installation time. With overall bank length information, All State Mfg. is able to calculate, mark, and set the adjustment gaps between all pre-assembled valence sections. As these sections are attached end-to-end in the field, the overall length of the assembled valences should be compared to the overall length of the vending bank of equipment as per the following:

If the Area Treatment is for:

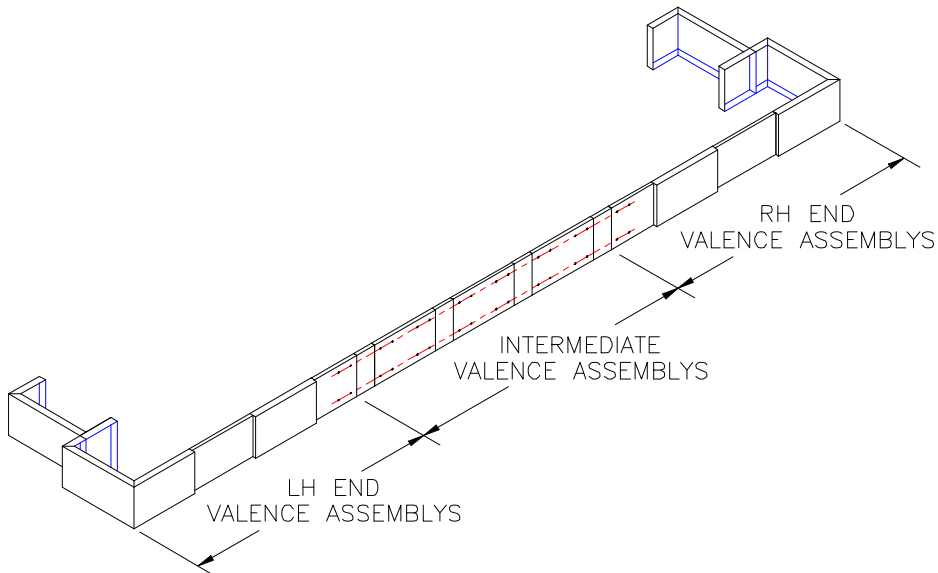
- 1) Valence assemblies with End Panels at each end of the vending bank
  - Subtract 12 1/4" from the overall assembled length dimension and compare to the measured length of the vending equipment bank. They should be equal.
- 2) Valence assemblies without End Panels at either end of the vending bank
  - Compare the overall assembled length dimension with the measured length of the vending equipment bank. They should be equal.
- 3) Valence assemblies with (1) End Panel at one end of the vending bank and without an End Panel at the other end of the vending bank.
  - Subtract 6 1/8" from the overall assembled length dimension and compare to the measured length of the vending equipment bank. They should be equal.

See the following Sketch:

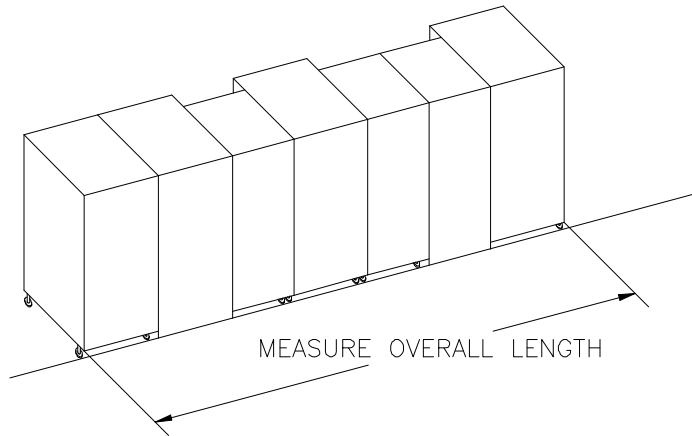


**VALENCE ASSEMBLY AND INSTRUCTION:**

- Assemble all valence sections on a level section of floor. Protect painted surfaces that come in contact with the floor from scratching.
- Locate and arrange all sections as per the match marking information provided on the backside of each section.
- Fasten the sections together using #501-2-90 screws and the 1/4" magnetic spinner provided. Mating holes have been marked for convenience and establish the spacing gap required for overall assembled length as per order specification.
- See the Reference Sketch below for assembly of sections.



- With all sections assembled on the floor as per the above sketch, measure the length of the valence section and adjust per the information on the previous page.
- Measure the overall length of the vending equipment bank as shown below:



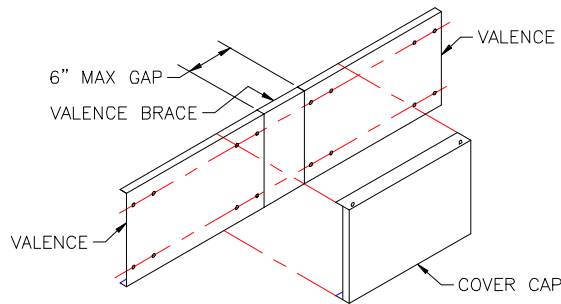
- Compare the measured length of the assembled valences (as per the previous information) to the measured length of the vending machine bank.

- ⇒ If the measurements are the same, proceed to the next assembly step.
- ⇒ If the measurements are not the same.....

Adjust the spacing between valences (preferably adjust valences located near the center of the assembly) until the measured length of the assembled valence sections is the same as the measured length of the vending equipment bank.

**NOTE #1:**

The maximum allowable gap between valences is 6".  
This allows the cap to cover all holes and screw heads.

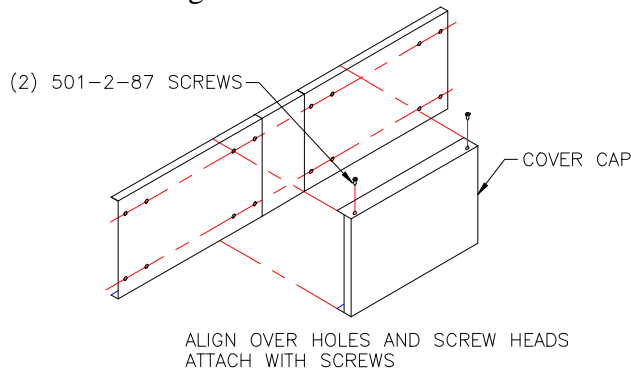


**NOTE #2:**

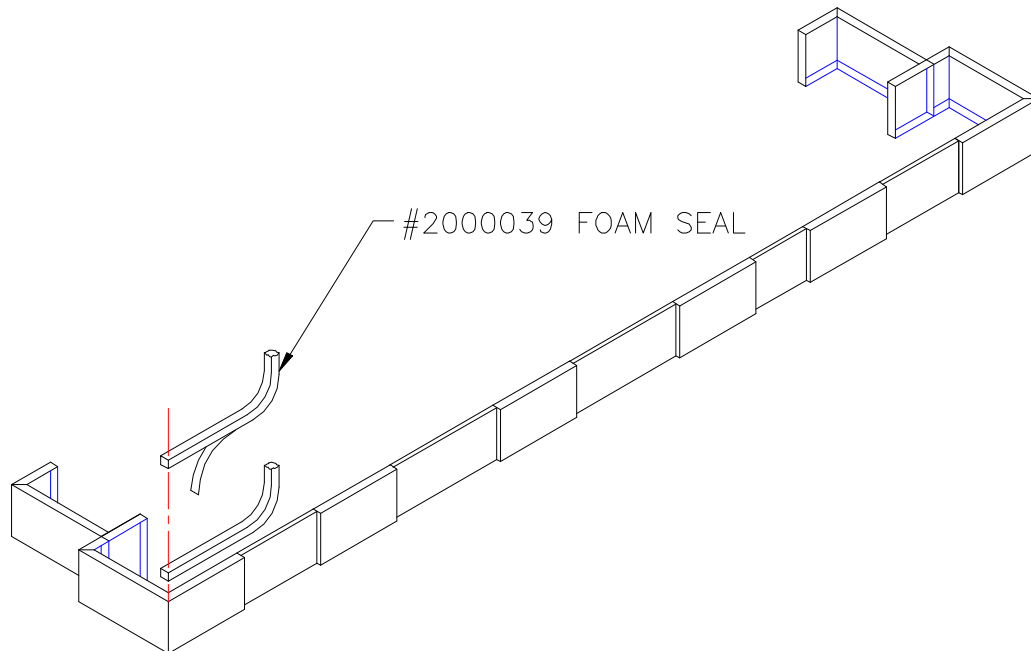
It may be necessary, when adjusting the spacing between valences to obtain the proper overall assembled length, to set the adjustment gap where no mating holes align.  
In this instance, use the #501-2-87 self-drilling screws provided to fasten valence sections to the valences brace channel.

- ⇒ When the proper overall length has been obtained, proceed to the next step.

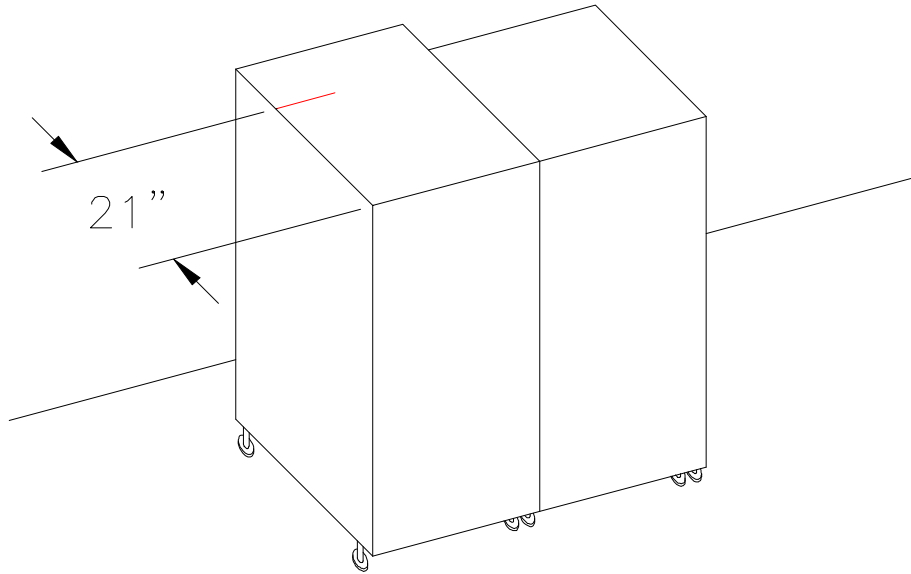
- With the valence assembly still at ground level, install and attach valence cover caps using #501-2-87 self-drilling screws as shown below.



- Turn the completely assembled length of the valence sections over, so the bottom side of the caps and the underside of the valences are showing.
- Apply the #2000039 1”X1” foam seal to the 1” wide flanged surfaces on the bottom side of the Valences and 1 1/2” flanged surfaces on the caps as shown below. The foam seal is provided in roll lengths. Begin by peeling off the backing paper to expose the pressure sensitive surface. Position and apply the seal in small length sections while continuing to peel off the backing paper. As needed, cut sections of seal material and apply.

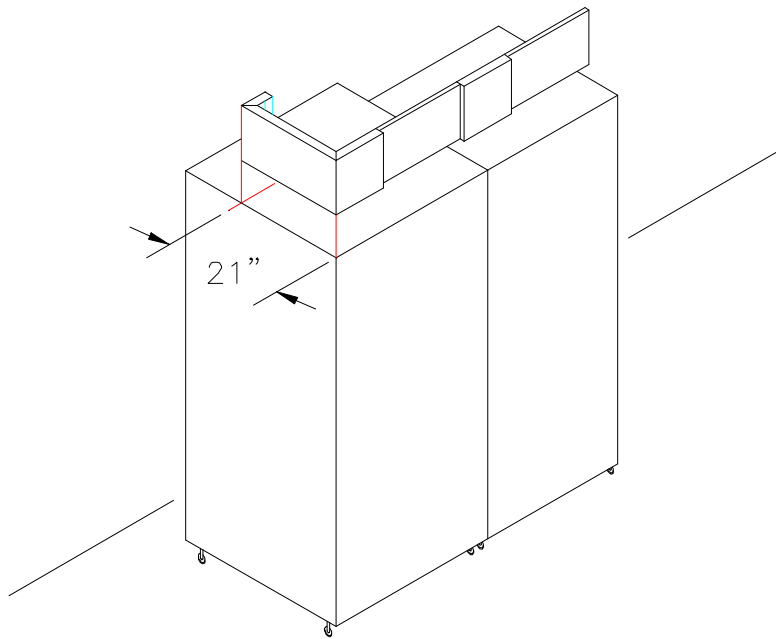


- Turn the assembled length over so that the 1”X1” foam seal is on the floor.
- Adjust the Valence Adjusting Bracket locations at the pre-punched holes on the backside of the valences and install additional brackets as needed using the #501-2-90 screws provided. For ideal support of the assembled valence section across the cabinet tops, install the adjusting brackets at locations near the sides of the cabinet tops. Place adjusting brackets in a location that will not interfere with cabinet door hinge locations. Preferable spacing between brackets should be on approximately 5-foot centers.
- The assembled valence length is now ready to be placed up on the tops of the vending machine cabinets.
- Prior to setting the valence length in place on the cabinet tops, the end cabinet tops must be measured and marked to establish placement locating points. See next step.
- At each end of the vending machines in the bank, measure back 21” from the cabinet front trim and mark the cabinet top with chalk or other legible marker as per the following sketch:



**IMPORTANT REMINDER:** Each end vending machine cabinet depth (the depth from the front trim to the back of the cabinet) must be a minimum of 21'' deep!!!!

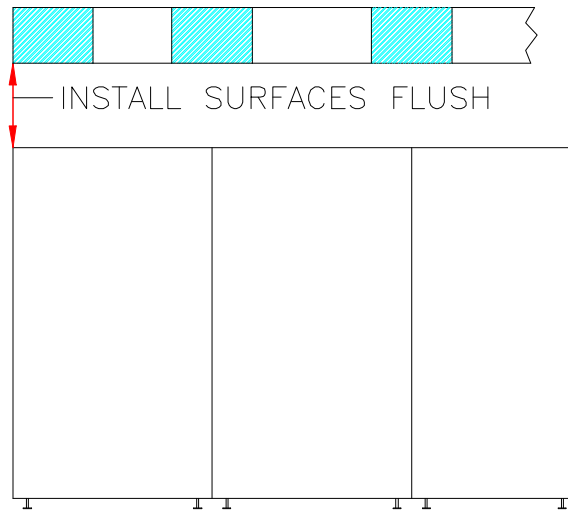
- Set the valence assembled length on the cabinet tops and align the back edge of the end support brackets at the chalk-marked positions as per the following sketch:



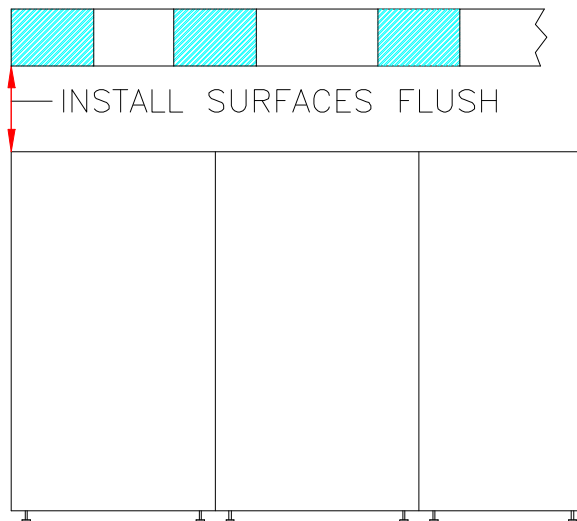
- To locate the end of the valence assembly relative to the side wall of the vending machine cabinet, use the following chart:

Type of Area Treatment	Instructions to Use
A) Valences only (no end panels)	Proceed to the next assembly step
B) Valences and (1) end panel	Skip the next assembly step
C) Valences and (2) end panels	Skip the next (2) assembly steps

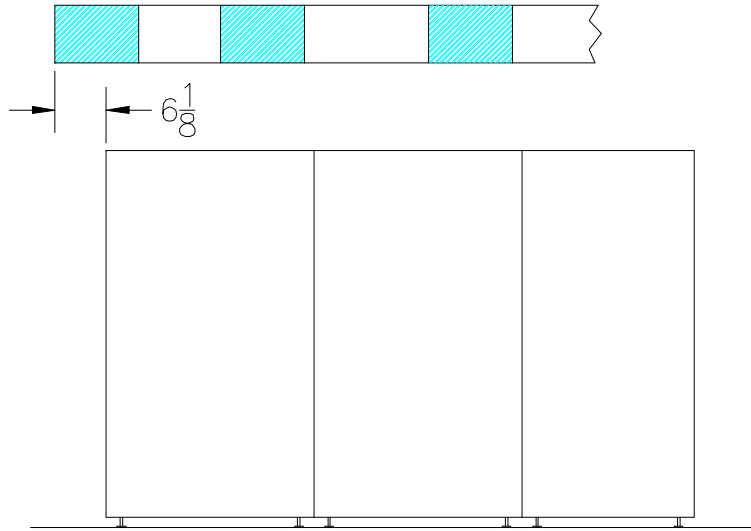
- If the Purchase Order specified valences only (no end panels), the assembled length of the valences should equal the measured length of the vending machine bank.
  - ⇒ Locate the end of the valence assembly flush with the sidewall of the end vending machine cabinet as shown below:



- If the Purchase Order specified valences and (1) end panel assembly, locate the end of the valences as follows:
  - ⇒ Locate the end of the valence assembly, which will have no end panel, flush with the side wall of the vending machine cabinet as shown below:

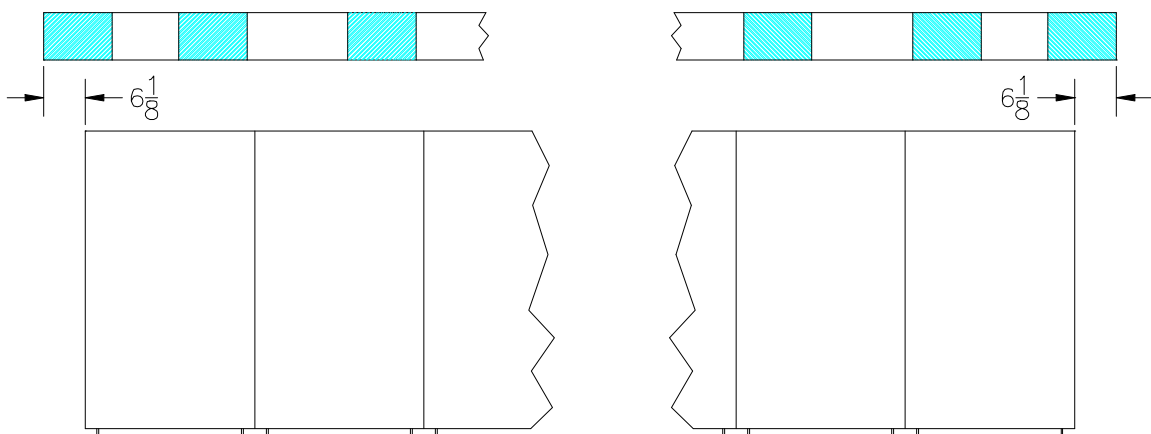


⇒ Locate the end of the valence assembly, which will have an end panel, 6 1/8" out from the sidewall of the vending machine cabinet as shown below:

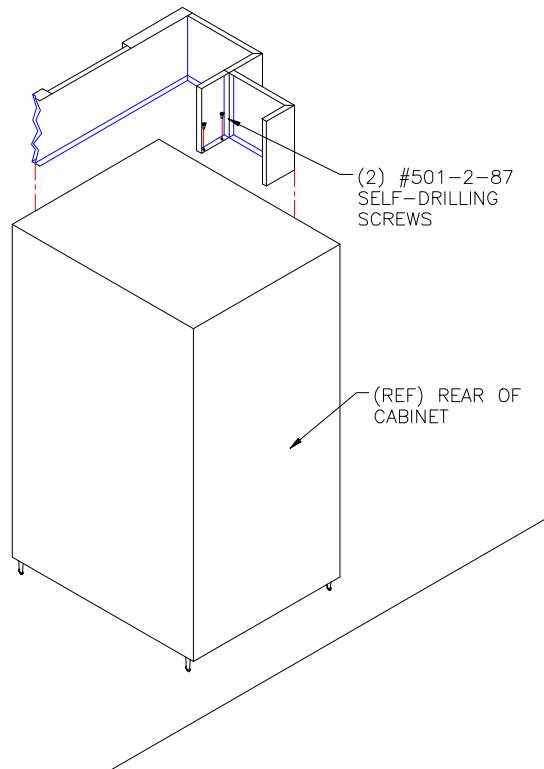


- If the Purchase Order specified valences and (2) end panel assemblies (one at each end of the bank):

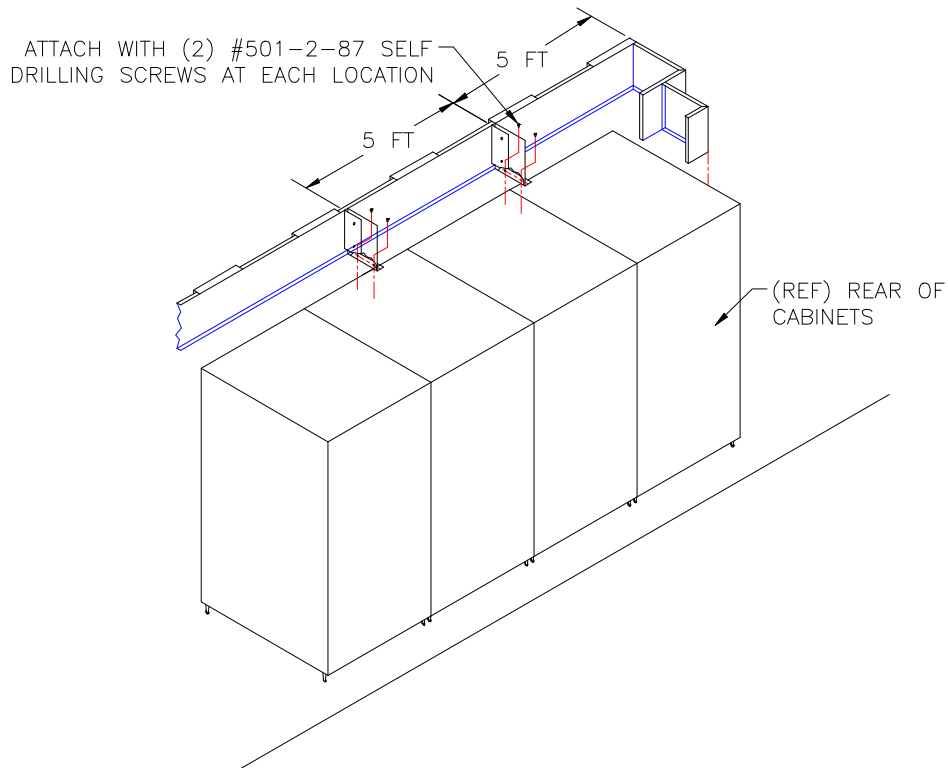
⇒ Locate the end of each valence assembly 6 1/8" out from the sidewall of each end of the vending machine cabinets as shown below:



- Having positioned the valence assembly up on the tops of the vending machine cabinets as per the previous applicable instructions, attach each valence end support bracket to the end cabinet using the 1/4" magnetic nut driver and #501-2-87 self-drilling screws provided, as shown below:



- Align the remainder of the valence length by hand and attach to the cabinet tops at each valence support bracket location. Use (2) #501-2-87 self-drilling screws at each support bracket. See the following:



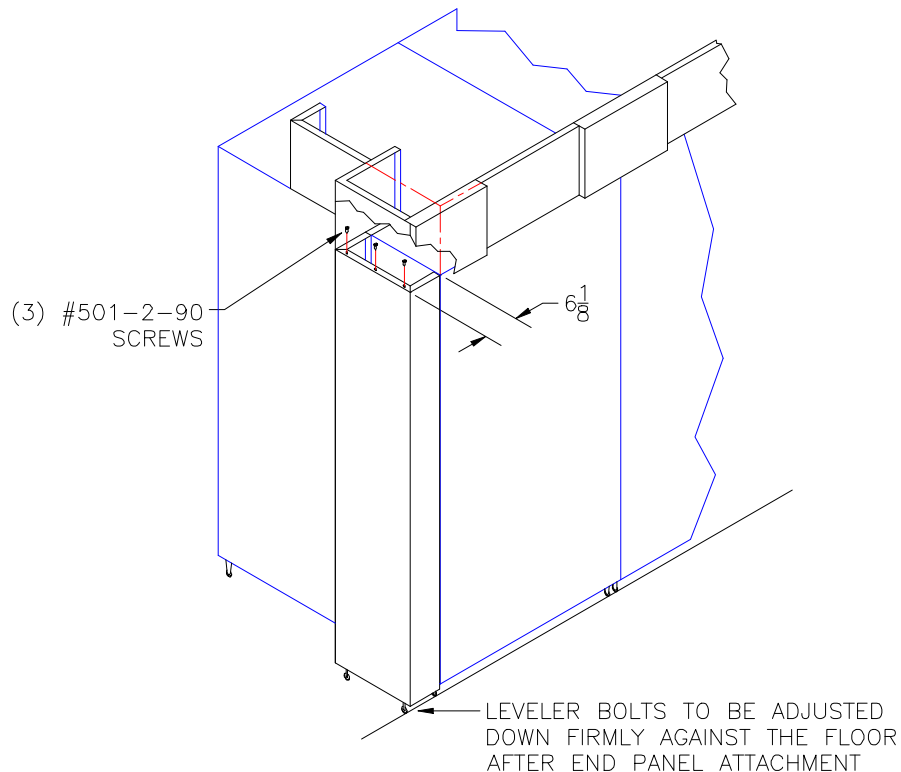
- Use the slotted holes in the valence adjusting brackets to reposition and square each valence section length as needed.
- For installation of end panel assemblies, proceed to the next section of the Installation Instructions.

## **END PANEL ASSEMBLY AND INSTALLATION**

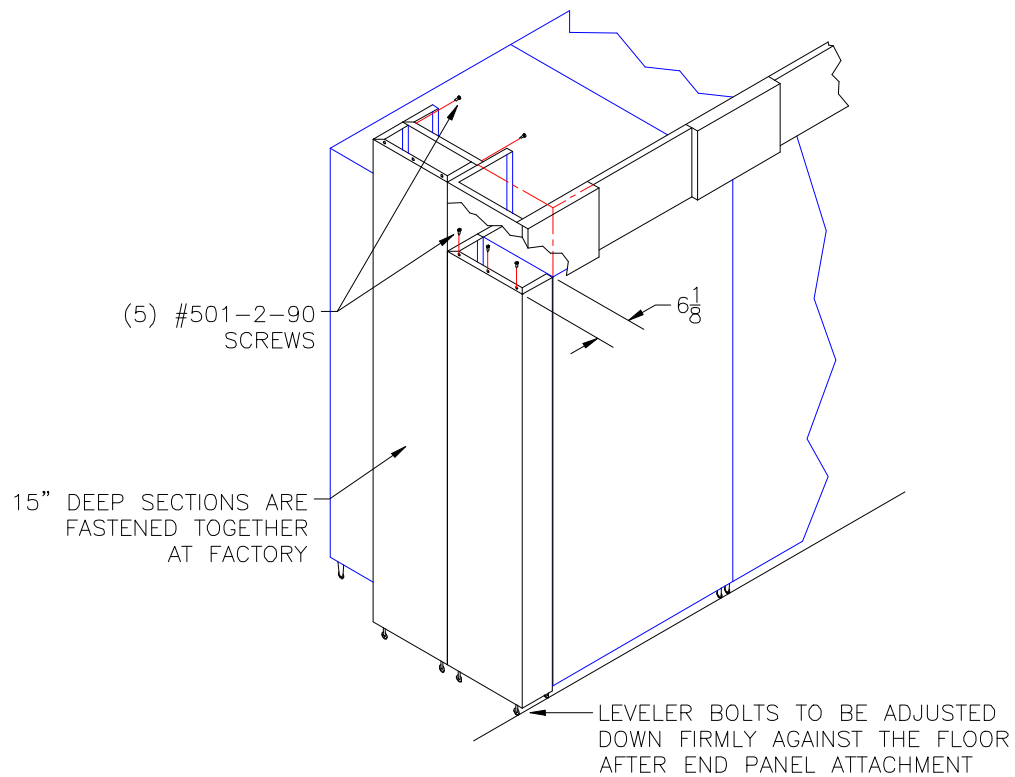
Each end panel has been Factory pre-assembled to obtain the largest shippable size allowable.

The standard end panel depth is 15". Additional 15" deep end panel sections may be connected to the standard to accommodate requirements for deeper end panels. If the required overall end panel depth is greater than (3) 15" combined sections (45" total depth), additional 15" sections will be shipped loose for field installation.

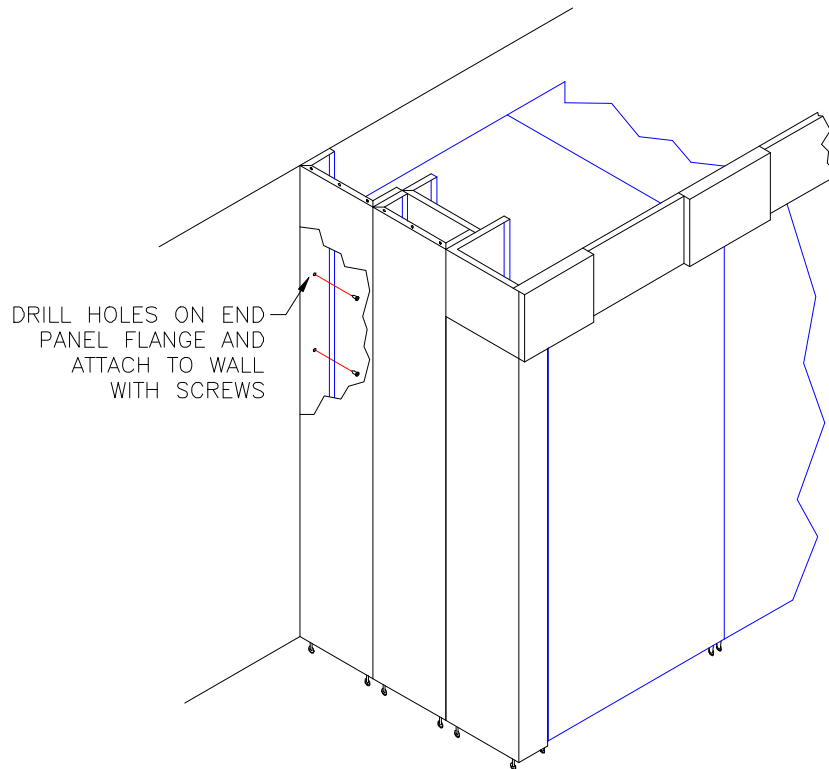
- The pre-assembled end panel section has leveler bolts installed at the bottom side of the section. Make sure the leveler bolts are adjusted in to clear the floor during end panel install and attachment.
- If the Order requirement is for (1) 15" deep end panel section, slide the top end of the end panel under the 6 1/8" extended section of the end valence end bracket. This 6 1/8" extension was created in an earlier instruction for this purpose. Align the pre-punched mounting holes and attach using (3) #501-2-90 screws provided. See the following sketch:



- If the Order requirement is for a 30" deep end panel section, the front 15" deep section will attach as above with (3) #501-2-90 screws. The rear 15" deep section will attach at (2) mating holes on the rear top corner bracket. Additionally, (2) #501-2-87 self-drilling screws may be used at the lower (2) attachment holes in the rear top corner bracket. See the following sketch for all assembly point information:



- If the Order requirement is for an end panel assembly deeper than 30", the front 15" deep section and middle 15" deep section will attach as above. Additional 15" sections, mounted behind these, must attach to the back wall. See the following sketch:



- Extend the leveler bolts to the floor using pliers or a wrench. Extension of the leveler bolts must provide enough pressure to lock the end panel assembly into position.

## 90° INSIDE CORNER ASSEMBLY AND INSTALLATION

The vending machine bank may be placed along (2) adjacent walls, resulting in a 90° corner turn in the equipment arrangement.

The arrangement of adjacent vending machine cabinets at the 90° corner must be able to be made as per the diagram below. This corner arrangement is used to create a gap between the corner vending machine cabinets. This gap will provide for open door clearance when refilling machines with product.

All State's 90° Corner Assembly provides a filler panel that will close this gap between corner cabinets and attaches directly to standard 15" deep end panel assemblies.

- Arrange the vending machine cabinets at the 90° corner as per the following sketch dimensional information.
- All other Area Treatment pre-assemblies must be installed (which includes all valence assemblies and at a minimum (1) standard 15" deep end panel assembly at each corner machine) as per previous instruction sheets. Place the 90° corner panel into location as per the following sketch and attach to each standard end panel using #501-2-87 self-drilling screws. See the following sketch:

