THE [OBJECT] SHOP

Denver Skyline Stage Set Flown gator board printed panels



Stage Set Components

19 plywood framed, gator board panels

25 pre-fastened eye bolts

11 3/8" threaded rods of various dimensions

25 bolts of various dimensions

39 aluminum spacers of various dimensions

1 box - 100 count 3/8" nuts

You Need to Supply...

180' feet 1/16th" aircraft cable 45 furrels and stops 12 9" turnbuckles (optional) Fishing line Sandbags

Tools Required for Set-Up

Cable Cutters
Drill and #2 phillips head driver (for opening crates)
Adjustable crescent wrenches
3/8" nut driver (optional)

Blanket or floor covering (for laying out out panels face down - preferaly at least 30' L x 8'H)

Labor for Install

3 people for 3 hours

Swaging tool

Weight per Group

Group #1 - 21 lbs

Group #2 - 45 lbs

Group #3 - 35 lbs

Group #4 - 15.5 lbs

Group #5 - 25.5 lbs

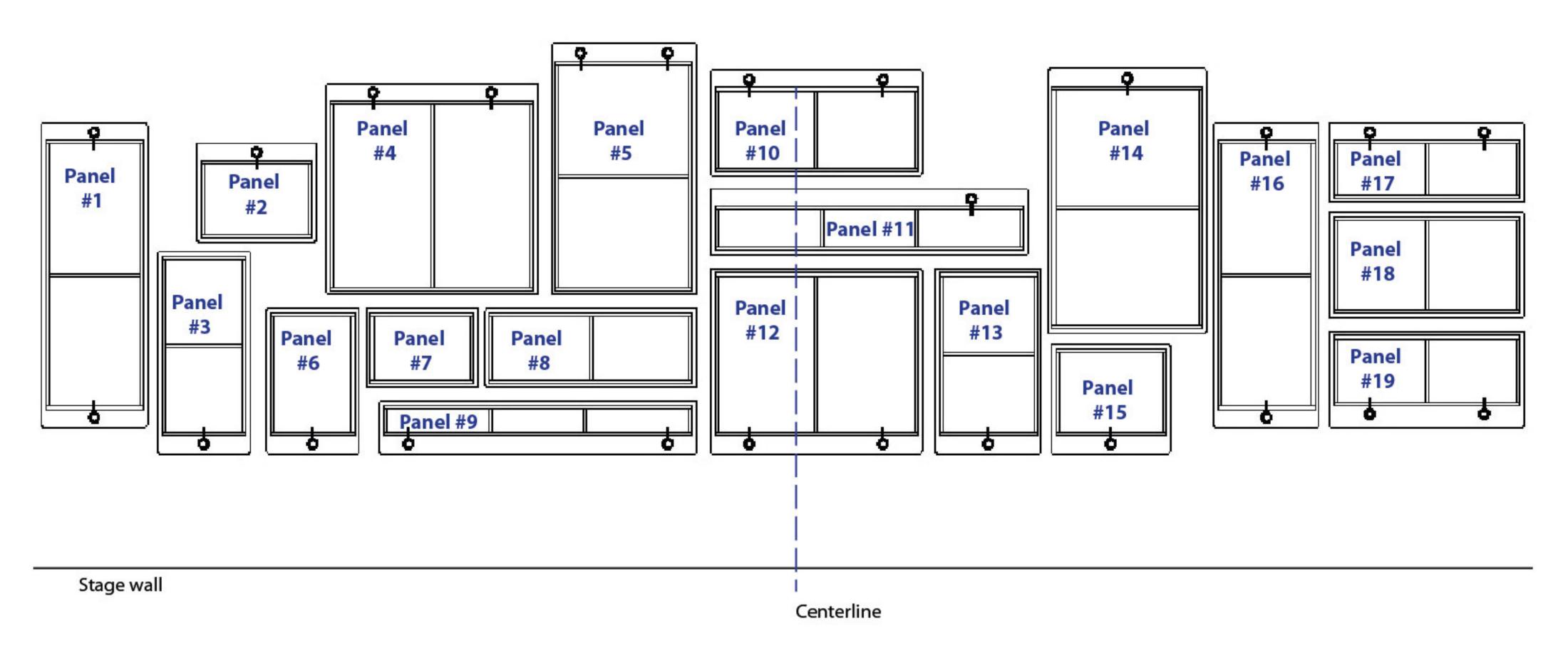
*Each weight includes hardware

FRONT VIEW - OVERALL DIMENSIONS: 28'w x 7'9"h x 2-1/4"d

Group #5 Group #4 Group #3 Group #2 Group #1 Panel #5 Panel #14 2'9"w x 4'9"h Panel #10 Panel #4 3'w x 5'h 4'w x 4'h 4'w x 2'h Panel #16 Panel #17 Panel #2 Panel #1 3'8 1/4"w x 1'6"h 2'w x 5'9"h 2'3"x 2'w x 5'9" Panel #11 1'10 1/2" Panel #18 6'w x 1'3"h 3'8 1/4"w x 2'h Panel #3 1'9"w x Panel #13 Panel #12 3'93/4" 2'w x 3'6"h Panel #8 Panel #7 4'w x 3'6"h Panel #6 Panel #19 2'1-1/2"wx 4'w x 1'6"h 1'9"wx 3'8 1/4"w x 1'9 3/4"h 1'6"h Panel #15 2'9"h 2'3"w x 2'3/4"h Panel #9 - 6'w x 1'h

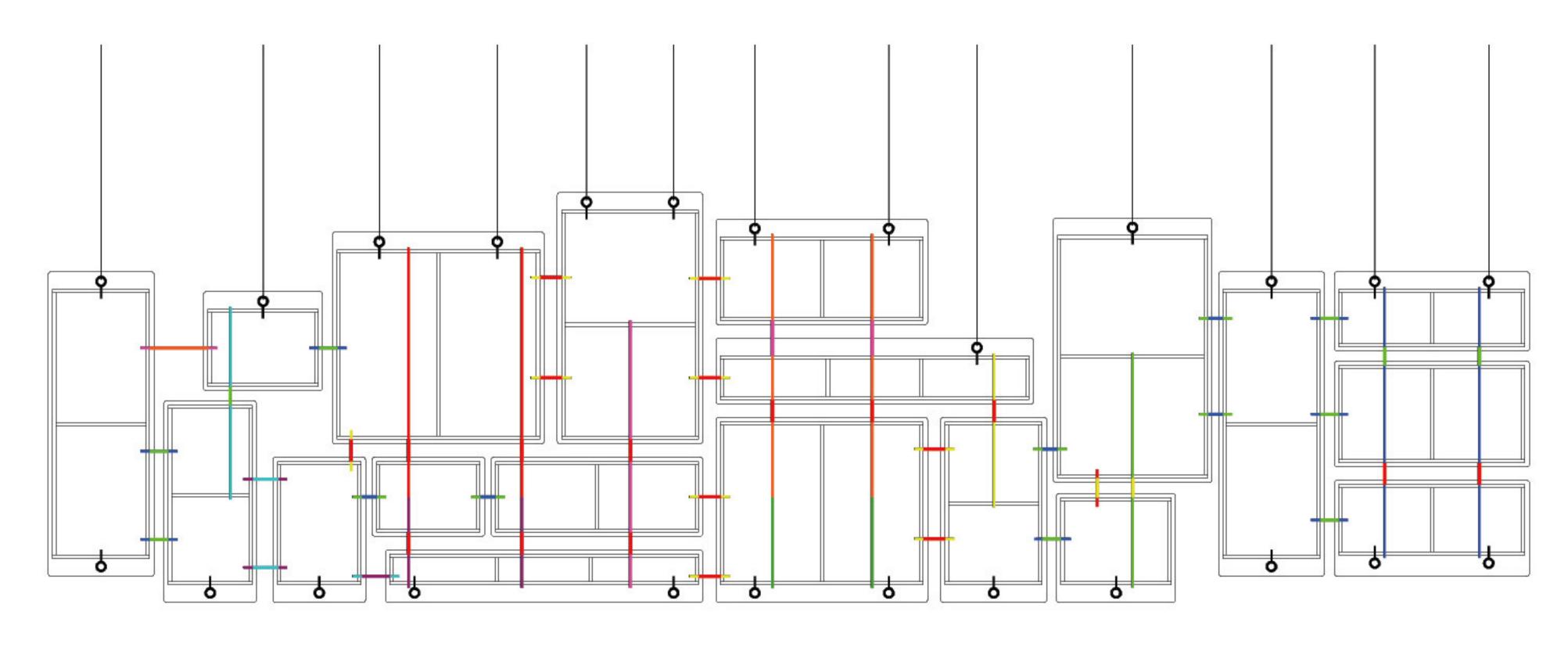
Installation - Step 1

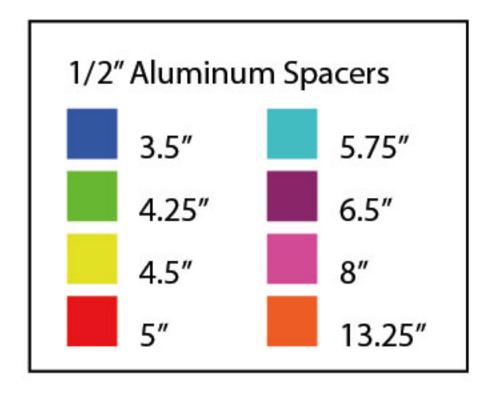
Clear a space at least 30'L x 8'H and cover the area with blankets or soft floor covering to protect printed surfaces from damage. Locate center of stage and center of set as marked on panels 10, 11, and 12. Layout out panels face down on covered floor, aligning center of stage with center of set.

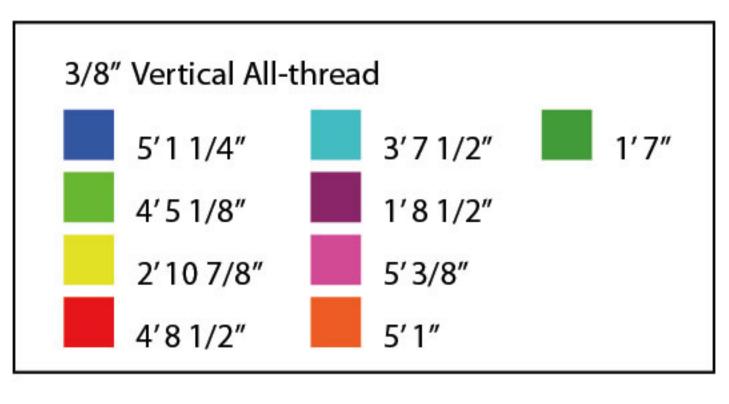


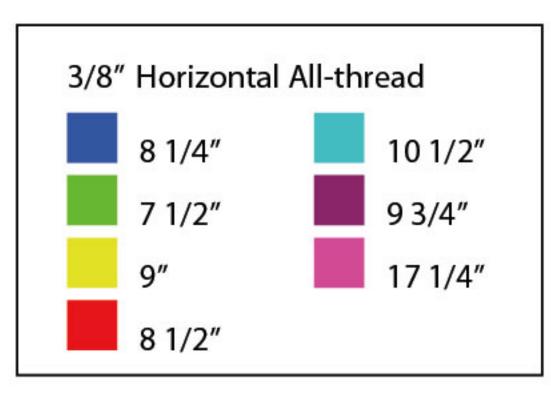
Installation - Step 2

Working in a linear direction (either left to right or right to left), begin to assemble the panels - matching the color coded all-thread and aluminum spacers to the diagram below. Fasten together only the panels in each group, so you are left with 5 assembled sections. See the diagram in Step 3 for visualization of the assembled groups.



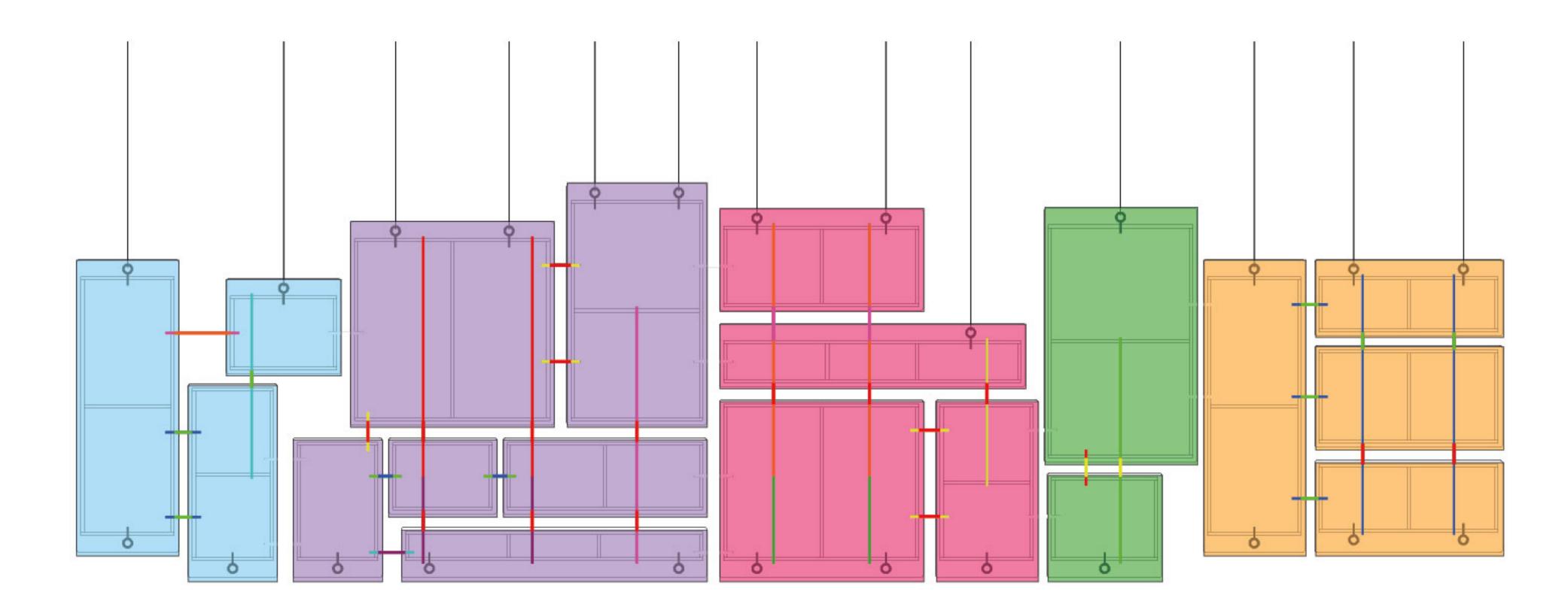






Installation - Step 3

After completing the assembly of each group, your stage set should look like the diagram below. Next, attach the needed length of aircraft cable to each eye bolt with the ferrules and swaging tool. Fasten the other end of each cable to a turnbuckle (optional). Be sure to measure for the appropriate distance to the turnbuckle so the hardware will not be seen from the audience.



Installation - Step 4

You are now ready to raise each group and tether to your rigging points. Working with a team of 2 people on the ground and one at the center rigging point, begin to raise Group #3. Do this slowly and take care to keep the panel square while protecting the edges from dragging along the ground. Use ferrules and the swaging tool to fasten the cable to your rigging point. Repeat this process with Groups #2 and #1, then Groups #4 and #5. Once the 5 groups are hung, refer to the diagram on Step 2 of this guide to fasten the groups together with the appropriate threaded rod and spacers. Finally, use the turnbuckles to level the set.