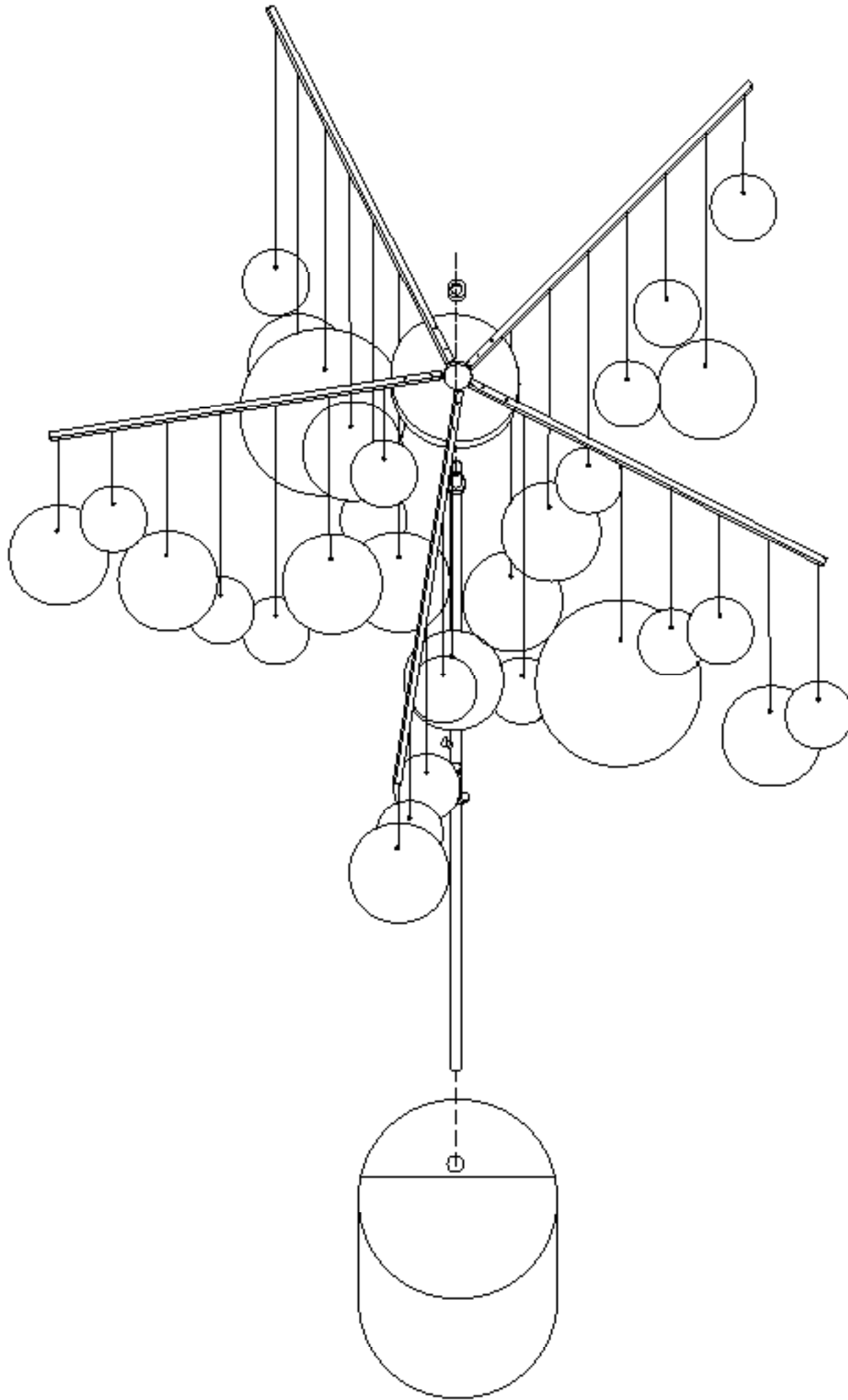








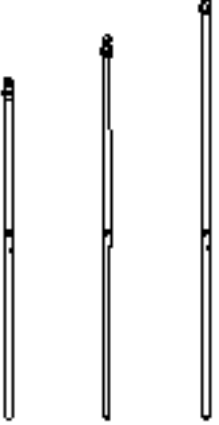


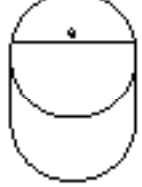

# Parasol Project

## Night Market Furnitures Installation Guide

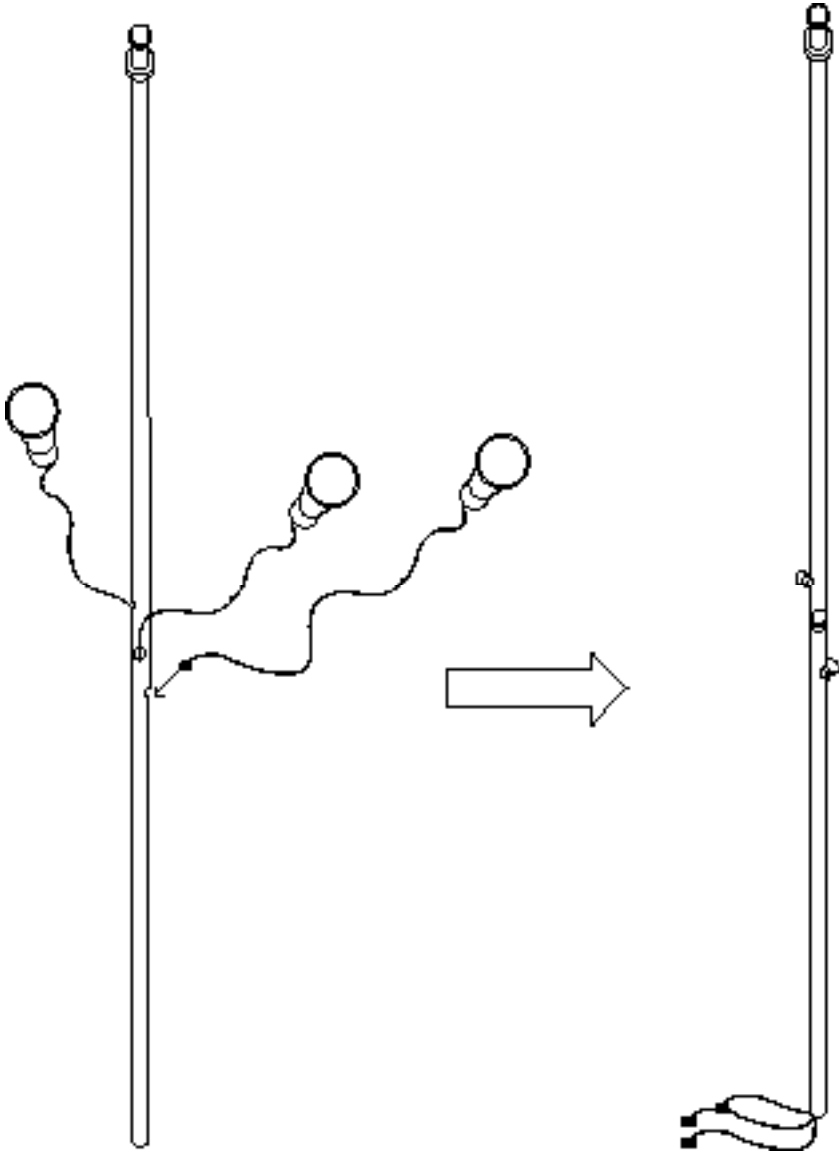


**Design Concept:** to explore Asian folklore through an abstracted parasol canvas. The form is cross cultural and serves as our means to narrate the International Districts rich and diverse identity. The mobile- like structure serves as a permeable ceiling that plays with the idea of shelter and a bit of fantasy. We strived to integrate the story portion into the design itself, so the folklore and the structure become synonymous. Above all we want to encourage imagination and create a dialouge within the community.

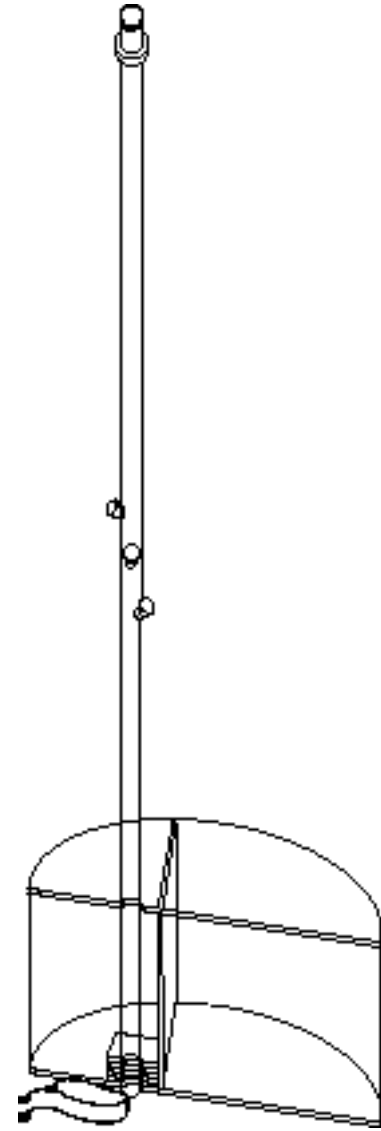
A collaborative project of Cultural Landscape Studio (Department of Landscape Architecture, University of Washington) and WILD Youth Program (International District Housing Alliance). Instructor: Jeff Hou; Youth Facilitators: Guihui Yuan, Carmen Cruz; WILD Program: Joyce Pisanont, Alan Lee, Amalia Gonzalez-Kahn. Autumn 2006. Design Team: Allison, Sayward, Carmen, Geneva.

Part (N.T.S.)	Name	Materials / Dimensions	#	
			Total	Per Parasol Unit
	parasol pole top	PVC union top / 2" diam.	3	1
	machine screw	stainless steel / #8-32 / 1 1/2"	30	10
	hex nut	stainless steel / #8-32	30	10
	flat washer	stainless steel / #8-32	60	20
	hanging arm	wood w/ eye hooks / 1/2"x1"x6'	15	5
	support disc	wood / 1/2"x12" w/ 2 1/2" hole	3	1
	poles w/ light holes	PVC pipe / 8' w/ 2" diam. / 9' w/ 2" diam. / 10' w/ 2" diam.	1 1 1	1 1 1
	lights/bulbs	prefabricated	9	3
	3-way extension cord	prefabricated	3	1
	cylindrical seat bench w/ storage	wood / 1'-6" w/ 3' diam.	3	1
	hanging parasols	heavy weight paper w/ protective spray attached to hanging arm by clips and secured to 50 lb filament / 2'-6" diam. / 1'-6" diam. / 12" diam.	var.	var.

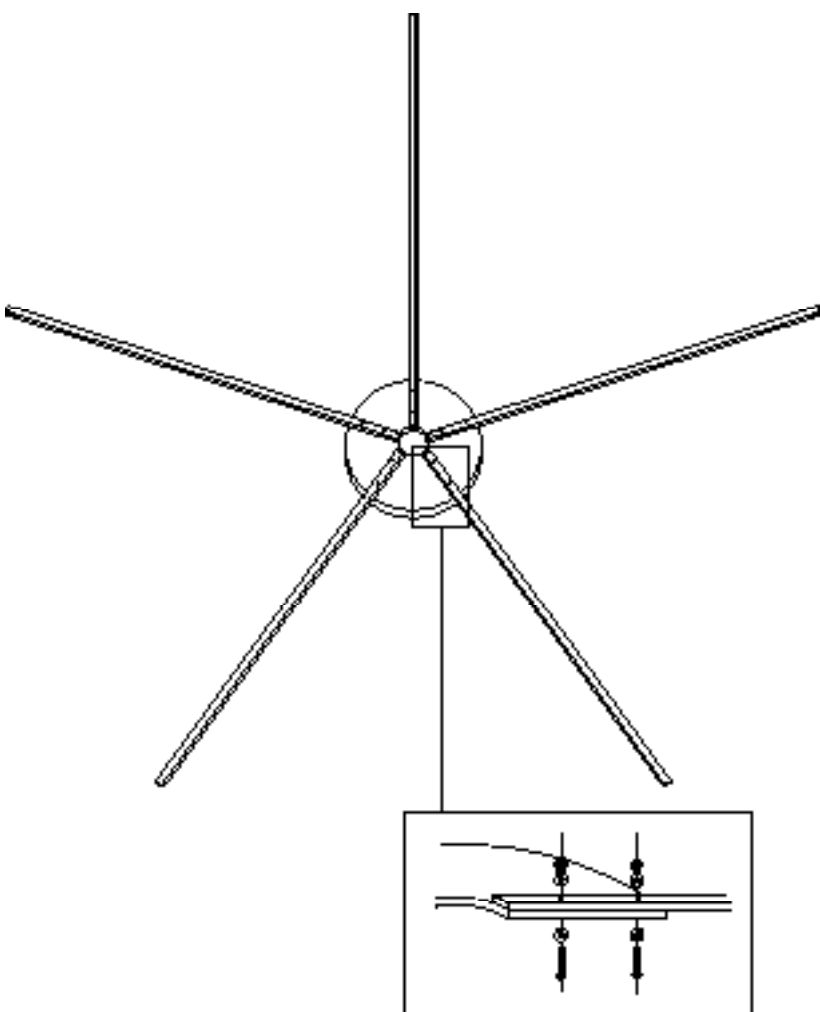
1. Thread lights though poles.
  - a. Always keep switches in "on" position.



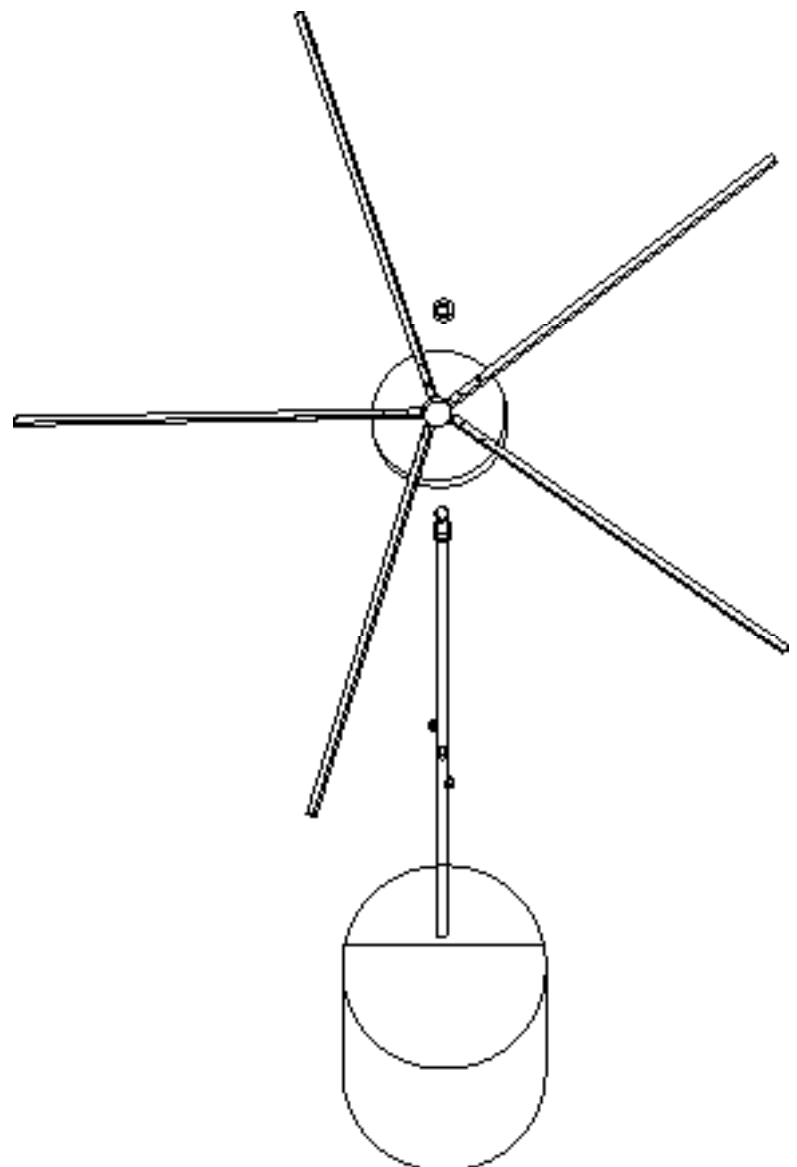
2. Guide cords through hole in seat bench and out the bottom. Stand upright.
  - a. Use cords to guide pole into place.
  - b. Tip seat up on end at first to help cords along.
  - c. This is typically a 2 person job.



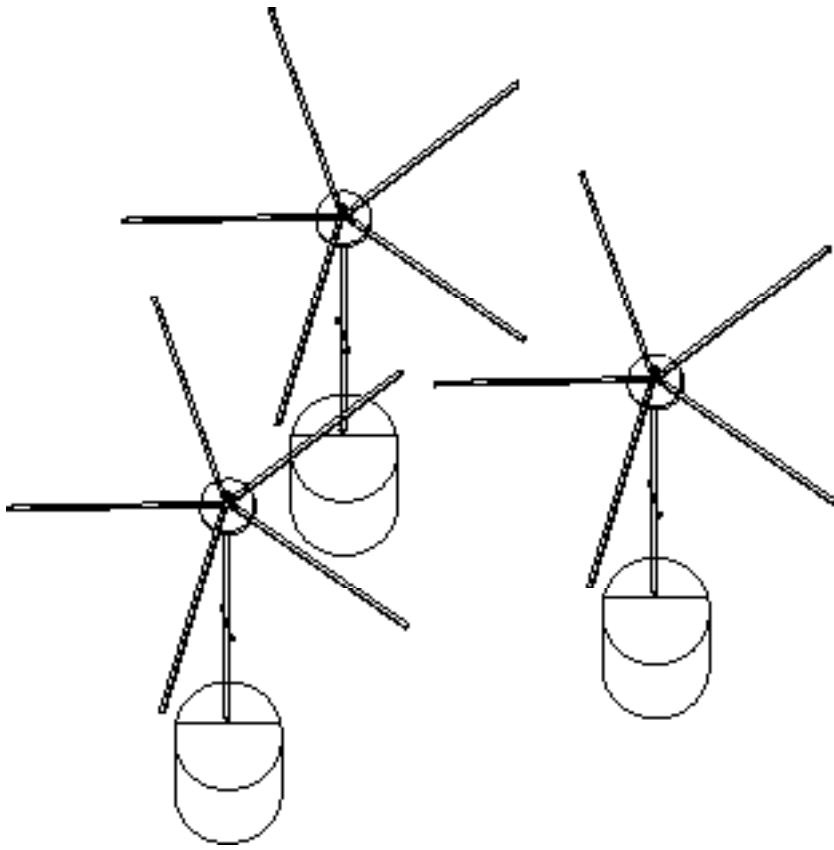
3. Screw/ bolt hanging arms to support disc.
  - a. Unfinished edges point upward (aesthetics)
  - b. Use washers on both sides of the fastener/ arm connection to protect wood from splitting.



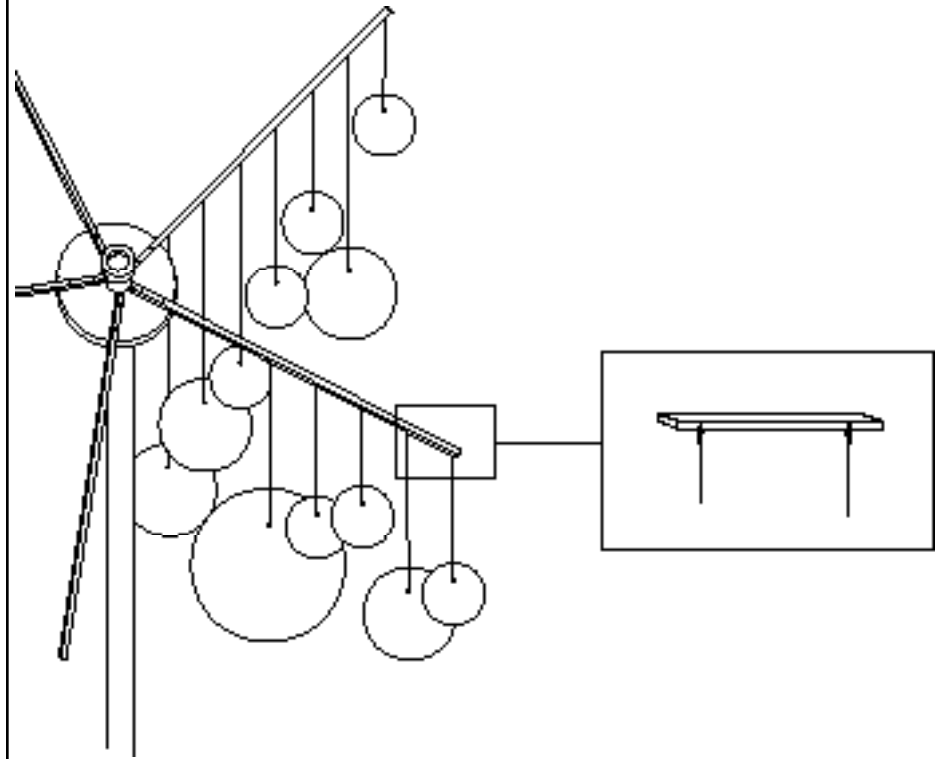
4. Put disc on top of pole resting on PVC union. Screw parasol pole top to the pole.



5. Arrange parasol units in desired formation.



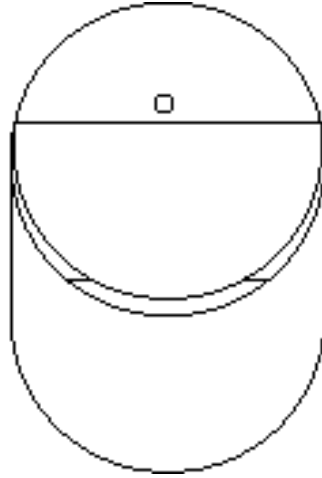
6. Begin to hang parasols attaching clips to hook and eyes on the hanging arms. Plug into outlet to turn on lights.  
a. Use lights to help decide where stories should go  
b. Make sure to leave enough room for walking underneath by staggering appropriately



- All items were intentionally assembled with threaded fasteners (screws, bolts, etc.) so all pieces could be taken apart, whether for storage or for retrofitting.



- The seats double as storage bins for their respective parasols, lighting and other miscellaneous items.



- We would recommend that if at all possible, NOT to take apart the arms from the disc because reassembly is time consuming. If that is not possible, it may be wise to drill larger holes in the arms and discs so bolts can be easily slipped into the pieces and tightened with a washer and nut combo instead of the provided machine screw which requires a power drill/ driver.
- It is not necessary to take the union completely off of the parasol pole. The rubber gasket which provides the seal is difficult to take on and off, it will chip the paint on the pole, and it will alleviate the problem of losing small structural components.
- It may also be helpful to keep the lights in the pole during storage since that part of the installation set up can be time consuming.
- The paint on the pole is the most fragile and easily chipped off. For touch ups use a plastic primer and Rustoleum Spray Paint in Antique Brass for color match.