



BARKERS Marquees
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Celeste and Petal Pole Marquee User Manual



CELESTE and PETAL POLE MARQUEES

Overview

Celeste and Petal Pole marquees are available in a variety of spans, from 6m, 9m and 12m spans. They are built in modular sections called bays which are available in either 3m, 4.5m or 6m lengths, these extend the tent to the required length.

Roof covers have lace and eye joins to link them together. These include a weather flap to the top edge. The covers are supported on king poles, which are tensioned to wall poles by guy ropes or ratchets. Walling panels are laced together and supported by hooking braiding loops onto hooks on the roof covers for the Petal Pole. Celeste Pole have hooks on the walls with braiding on the roof, due to minimal valance design. Walls are pegged down with wooden pegs.

Marquees are available in either PVC or Polycotton Canvas:

- Smooth PVC – Valmex, 650 gsm, or nearest equivalent
 - Textured PVC – STAM 6002, 630 gsm or nearest equivalent)
 - Polycotton Canvas– 470 gsm, or nearest equivalent
- specification sheets can be supplied for each material

Fire Retardancy - All fabrics used comply to BS 7837:1996, DIN 4102-B1

Parts List

	Petal Pole Marquees	Celeste Pole Marquees
Fabrics	A Pair of Roof Sheet ends Roof Sheet Middles 7' Hook Up Walls	A Pair of Roof Sheet ends Roof Sheet Middles 7' 6" Hook Up Walls
Ropes	Guy Ropes (Double & Single) Sidelines and Tackles	Guy Ropes (Double & Single) Ratchet Guy Ropes
Poles	King & 7' Wall Poles with finials	King & 7' 6" Wall Poles with flag poles & finials
NB: wooden poles require treatment (Danish or teak oil, varnish or paint) prior to use		
Stakes/Pegs	Iron Stakes, Wooden Wall Pegs	Galvanised iron stake plates, Iron Stakes, Wooden Wall Pegs

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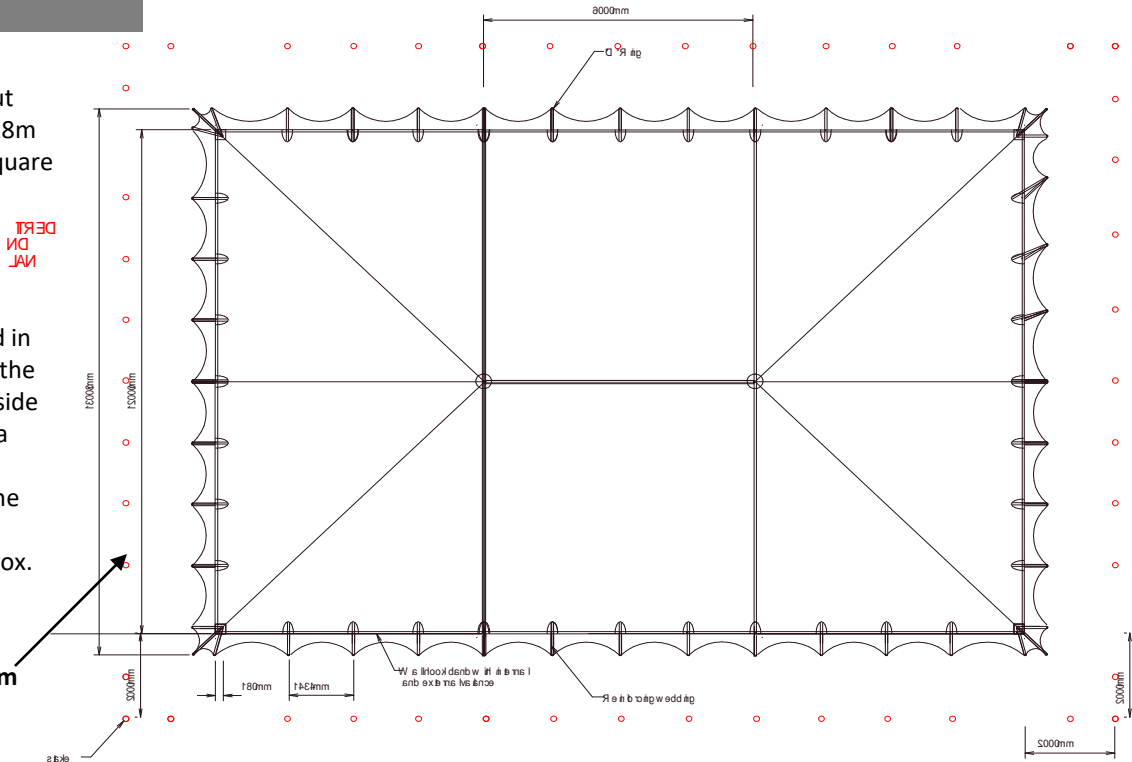
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Pegging Drawing – Petal Pole (square ends)

Pegging Plan shows a Layout Example for a 12m span x 18m Petal Pole Marquee with Square Ends.

Measure out and drive the iron stakes into the ground in the positions indicated on the plan, approx 1.8m (6') outside the line of the tent. Make a crutch at the base of each King Pole with 1 stake at the bottom and a wooden peg each side of the pole, approx. 100mm up.

Stakes, located 2m from marquee perimeter.



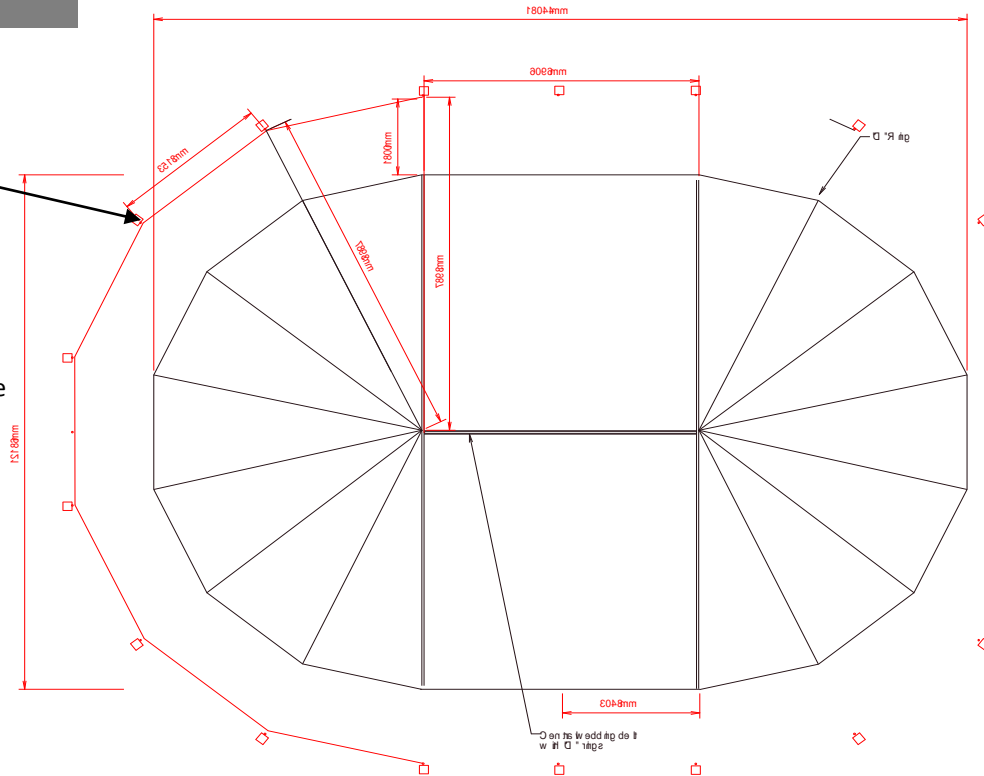
Pegging Drawing – Celeste Pole (round ends)

Pegging Plan below, shows a Layout Example for a 12m span x 18m Celeste Pole Marquee with Round Ends.

Stake plates, located 1.8m from marquee perimeter. Each stake plate takes 4 stakes

Petal Pole Marquee - Attach side lines and tackles onto the iron stakes. Tackles are located at corners and roof joins; with sidelines.

Celeste Pole Marquee - Attach ratchet guys to each stake plate assembly (4 stakes per stake plate).



Make sure ropes & ratchet guys are all pulled out so that this does not have to be done when time is more critical.

POLE MARQUEES

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Push Up - Pole Marquee Construction Method

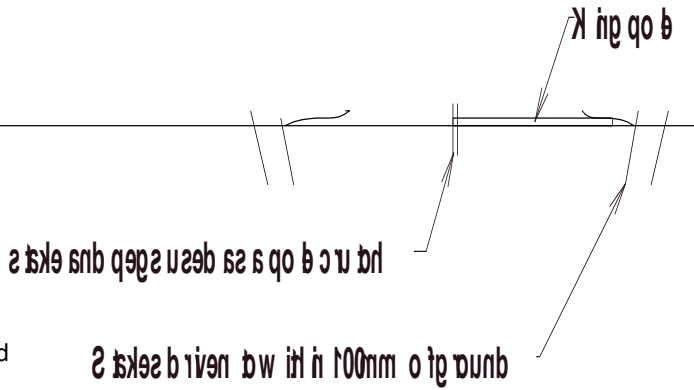
END VIEW

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Step 1 – Prop King Poles



Make a crutch at the base of each King Pole with 1 stake at the bottom and a wooden peg each side of the pole, approx. 100mm up. Lift top of King Poles up and prop onto suitable support (e.g. Trestle or saw horse).



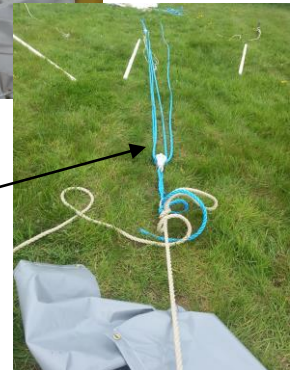
Step 2 – Lace Roof Fabrics



Pull the canvas sections open, pulling the 'D' Rings then large eyelets onto the king pole spikes in turn. Lace together, using the rope laces through 2 sets of eyelets then catching the next rope lace until you reach the bottom. Tie off at the bottom lace with a slip knot. Tie off the gutter flaps with a double bow as you go.

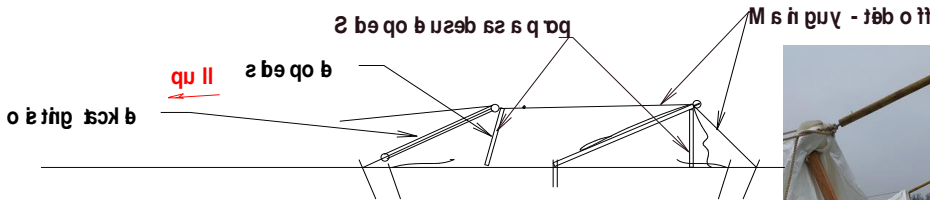


Tie off the single guy ropes to the end stakes, and tie off the double guys to the back stakes - in the direction towards which the poles are pointing.



Hoisting Tackle

Step 3 – Lift King Poles



Lift the top of the king poles up about 2m and prop onto a reversed wall pole (i.e. one with spike in the ground).



Select a suitable wall pole, tie the double guys onto the top Becket eye of the hoisting tackle and put the pole spike into the same eye. You can then use this as a lever. Pull the tent up with the hoisting tackle until the king poles are vertical. Tie off the hoisting tackles to the stake.

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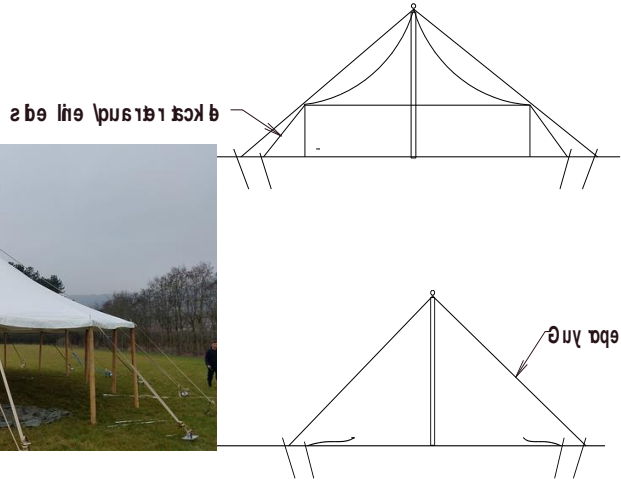
Step 4 – Install Wall Poles and Sidelines

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Pull the tent out with the wall poles and tackles on the lace points and corners. Square up the tent and put in the rest of the wall poles on the side lines or ratchet guys.

Recommend working at opposite ends to avoid pulling the tent over at this stage.



Step 5 – Install Wall Fabrics

Select where your main entrance is going to be and hook the loops / eyes on the top edge of the wall onto the hooks on the roof. It is easier if one person goes around and hooks up every 10 or so and someone else follow them to fill in. Lace the panels together and peg down with wooden pegs twisted into the rope loops.

***Inspect the tent and effect any necessary steps to make it secure
Ensure walls are fully installed and secured to ensure maximum stability;
particularly in windy conditions***



Weather and Safety

Relocatable fabric structures have been used for decades. Even with millions of square feet of this and similar structures now in the world, the industry as whole has maintained an excellent safety record. The industry and the available inventory continues to grow. However, these structures are engineered for temporary use under the codes and may be frequently relocated, presenting safety issues that are uniquely different from more rigid permanent structures.

It is the customer's responsibility to ensure that the structure has been purchased and specified in accordance with the local codes having jurisdiction over the site on which the structure will be used. We suggest that code issues be dealt with early in the planning stages so that conformity can be considered through all phases of site preparations and structure installation, including proper anchoring for all weather and soil conditions of the site.

Barkers Marquees is responsible only for the product kit of parts delivered to the customer. It is the customer's responsibility to ensure that a ground anchoring system is used that meets the required code with the soil conditions present at the location. The IFAI Procedural Handbook for the Safe Installation and Maintenance of Tentage gives good additional advice on installations of tents and structures similar to that supplied by Barkers Marquees.

The IFAI also provides a reference on the "Pullout Capacity of Tent Stakes that consulted regarding temporary anchoring with tent stakes. Though Barkers Marquees stands behind the quality of its product, structures that are disassembled and reassembled should be inspected frequently for damaged or missing parts that could jeopardize the safety of the reinstallation. Fabric should be stored in a cool, dry location to prevent mildew that could compromise its integrity. Each installation should be supervised by a competent leader who is experienced and familiar with the proper assembly of components and the installation process.

Proper installation procedures as outlined in this assembly manual should be followed diligently for each installation of the structure. At all times, installers should follow approved safety standards as it pertains to safety clothing such as hard hats, steel toed shoes and the proper use of tools and power equipment.

The structure has been engineered to meet appropriate code requirements. However, weather conditions vary drastically within small geographic locations. Heavy winds and microbursts can occur with almost pinpoint but unpredictable precision. Therefore, the customer should always err on the side of safety and evacuate the structure if there is any possibility that inclement weather could become a safety concern.

When used properly and safely, your structure should provide many years of satisfaction for your temporary shelter needs.

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