

### **Method Statement for Erecting a Parthenon Tent**

- One person required per section (four people is sufficient for all the tasks except lifting the roof and erecting the walls).
- Only persons working on the erection of the tent should be present in the immediate area.
- The work is to be directed by one experienced and competent person (the supervisor).
- All persons erecting the tent should be wearing sturdy footwear.

### ***Construct the Roof Frame***

- Assemble the poles for the roof on the ground. This enables the roof to be constructed and worked on without working at height.
- Erect the frame one section at a time.

### ***Place the Roof Canvas on the Roof Frame***

- Carry the roof canvas to one side of the roof frame. Use the carrying bags provided and use four people to carry each bag, each one holding a bag handle.
- Tip the canvas onto the middle cross piece of three sections of roof frame. (One roof canvas will cover three sections of parthenon frame.) Unfold the canvas horizontally along the mid-poles of that section.
- Several people should help to draw the (first) canvas vertically over the roof frame. After the canvas has been evened up, the guy ropes should be unwrapped and positioned on the outside of the pole frame.
- Check: if there is to be more than one three-section of tent, then each panel of roof canvas must be mounted on the frame with the lacings loop to a corresponding eye. Lace up these sections whilst the frame is on the ground. This circumvents the need to subsequently work at a height.
- End-wall sections should be laced to the roof canvas whilst the roof frame is on the ground. This also circumvents the need to subsequently work at a height.

### ***Construct the Frame for Walls***

- Lay the wall poles out, on the ground, alongside the roof with one pole at each section joint.
- Only one wall is erected at a time.
- Position one crew person per section along one side of the roof frame. Ensure that all crew are of roughly equal height. There should be at least one redundant person free to aid anyone who struggles during the lift.
- The positioned crew should each crouch down next to a joint on the edge of the roof, which they should firmly take hold of, taking good care to settle into a safe lifting position prior to the actual, concerted lift.
- The supervisor should inform the crew that they are going to lift and to hold their edge of the frame, whilst a pole is inserted vertically into each joint. They should be reminded that they must take care to lift simultaneously, at the same time and speed as each other.
- The supervisor will call, "Lift on the count of three: one; two; three!"
- Whilst the frame is being held up, (at least) one additional person will insert a wall pole into each joint socket.
- The team will only come to rest once all wall poles are securely inserted. This process is then repeated for the other wall.
- The foot of the frame is constructed by having one person lift each wall pole sufficiently for a tee joint to be inserted at the base. A horizontal run of poles is then mounted between each vertical such that the load is

### ***Guy Down the Roof***

- It is important that the roof is promptly secured down (as gusts of wind can create a dangerous lift). The guy ropes attached to the canvas should be used to firmly secure the canvas to the pegs available using a mallet.

### Mount the Wall Canvases

- Wall sections of canvas must be secured to the frame (underlapping the roof canvas) by. Each wall sections is secured to the next by loop and eye mechanism.
- The bottoms of the walls and end canvases should be secured by pegs to the ground.

Table 1: Parthenon Tent Erection; Risk Assessment

Identified Hazard	Persons at Risk		Worst Case Scenario					Probability					Risk
	Crew	Public	Fatal	Major	Minor	No injury	Damage	Likely	Probable	Possible	Remote	Improbable	
Slips and trips	✓	✓		✓						✓			✓
Lifting large, heavy objects	✓			✓						✓			✓
Pinch	✓				✓					✓			✓
falls	✓			✓						✓			✓
Objects falling from heights	✓				✓					✓			✓

Table 2: Parthenon Tent Erection; Required Controls

Identified Hazard	Control Action(s)
Slips & trips	Poles should be handled in bundles (as they are packed) and only handled separately as they are used to erect the frame (i.e. Single poles are not to be left lying around). Erection is to be supervised by an experienced, competent person. Pegs and guy ropes to be marked to identify trip hazards.
Lifting large, heavy objects	The supervisor will give basic manual handling technique instruction at the time of erection. When bundles of poles are carried – two persons should be used to carry them. When the large canvases are to be carried this shall be done using the storage bags provided which enable them to be safely carried by four persons.
Pinch	Care should be taken to avoid pinching oneself when sliding the poles onto the joints.
Falls	When step ladders are used another person should foot the step ladder.
Objects falling from height	Care to be taken when manoeuvring the canvases onto roof.

Table 3: Parthenon Tent Erection; Completion Checklist

✓	Poles correctly assembled
✓	All poles fully engaged with joints
✓	Roof canvas correctly fitted and guyed down
✓	End walls correctly laced
✓	Side walls correctly fitted
✓	Bottom of canvas secured