

Tsavo Base Construction

The following specification is a typical design specification Albion Canvas recommends for its tented structures where a solid base is required, the final specification will be dependent on ground conditions and any relevant statutory approvals.

Timber deck specification

Prepare ground, excavate and construct 750mm x 750mm x 1000mm (max) deep concrete pads at 4.5m centers. Form concrete piers using two courses of 7kn/mm² concrete blockwork laid flat, to a height of 200mm. Construct timber suspended base using 47mm x 225mm, C16 treated timber joists spaced at 400mm centers, supported from galvanized steel joist hangers fixed to double thickness 47mm x 225mm perimeter joists bolted together, incorporating intermediate solid strutting. Lay 18mm structural plywood deck (to inner tent area), fixed to timber joists with galvanised screws. Exposed areas of base (front and rear areas) to be fitted with 18mm thick treated timber decking material.

Allow for altering all drainage using 110mm Osma (or similar) pipe work and fittings providing a fall to existing connection of 1:100. All pipe work to be fully supported from steel support straps above ground