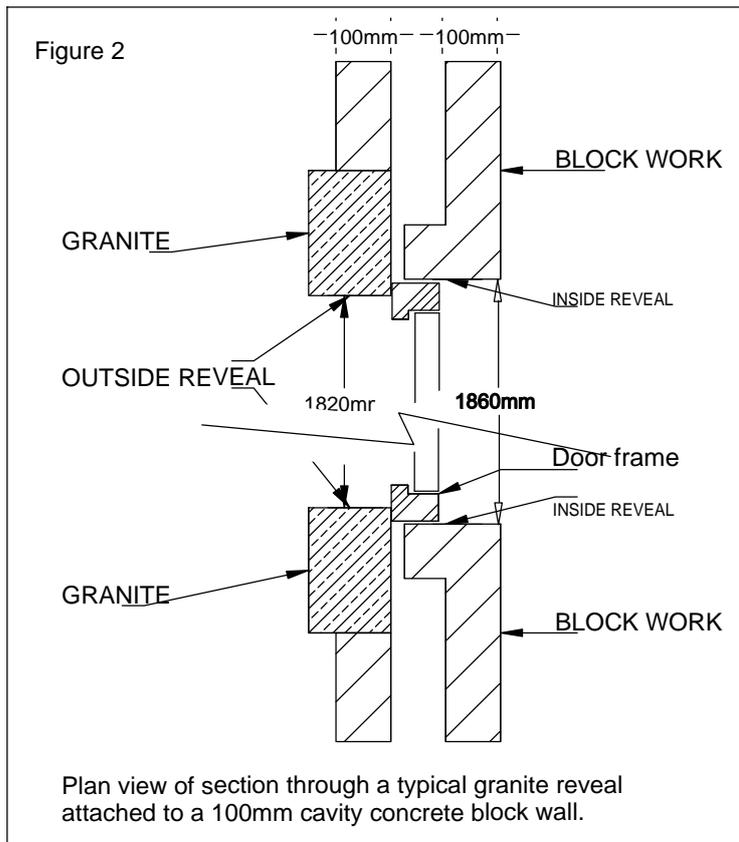
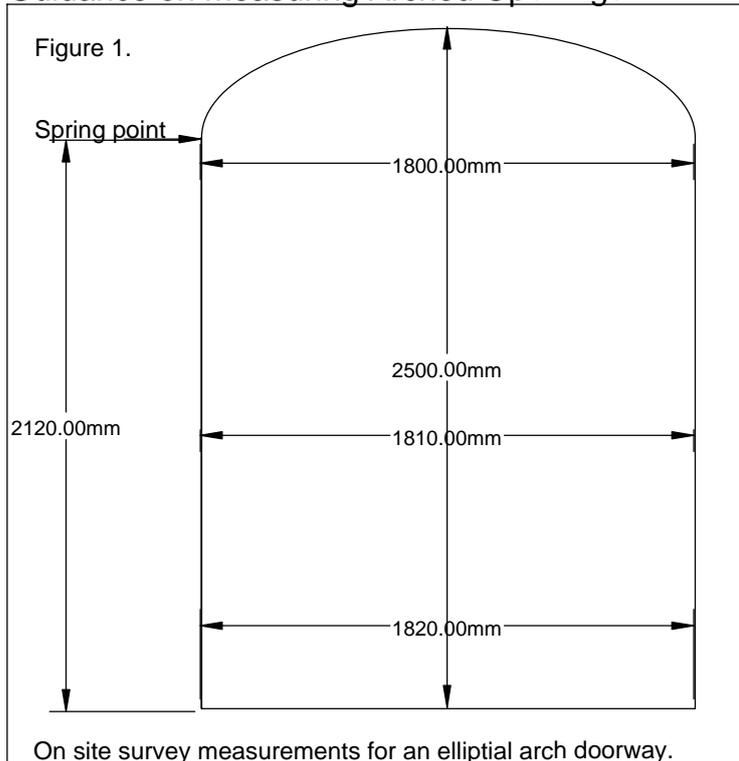


Guidance on measuring Arched Openings



To measure an arched doorway.

That will be plastered in from the outside and the inside.

1. Measure the overall height from the finished floor. Note the measurement on Figure 1. is 2500mm. Subtract 10mm from this figure to give the make to height ie 2490mm.
2. Check the overall width at the bottom, middle and top. Take the narrowest measurement and subtract 20mm. The top is the narrowest so the correct make to size is 1780mm.
3. Measure from the finished floor to the spring point of the arch whether elliptical (opposite) or arc. Note the measurement on Figure 1. is 2120mm. This point will be used to work out the arch size. The door set will be made to 2100 when the spring point is higher than 2100 and the balance will be taken into the arch. Therefore the arch size to be made will be 1780 wide X 390. (ie 2490 - 2100)
4. Using a suitably sized piece of cardboard trace from the opening or from the original form work (template) indicate a level base height from the ground, at or below the level of the spring point. Also indicate the the front (face out) side of the template.

To measure an arched doorway.

That has an existing outside reveal ie granite or brick

1. Measure the overall height from the finished floor. to the highest point of the outside reveal, in this case the highest point of the granite arch. The inside block-work or timber should be slightly bigger. Add 5 to 10mm to this height to give the overall make to height.
2. Check the overall width at the bottom, middle and of the granite opening. Take the widest measurement and add 10 to 20mm to it, this will allow the frame to fit behind the granite and still leaving enough frame showing and giving a good weather seal. On the Figure 1 this would give a measurement of 1830 to 1840mm.
3. Measure from the finished floor to the spring point of the granite arch whether elliptical (opposite) or arc ie the measurement on Figure 1. is 2120mm. this point will be used to work out the arch size. The door set will be made to 2100 when the spring point is higher than 2100 and the balance will be taken into the arch. Therefore the arch size to be made will be 1830 wide X 390.
4. Using a suitably sized piece of cardboard trace from the granite opening in place. indicate a level base height from the ground, at or below the level of the spring point. Also indicate the the front (face out) side of the template.
5. Most important. Figure 2
If the inside reveal is the size of or smaller than the outside reveal, it is recommended that it be cut back to allow clearance for the door frame to fit behind the granite. ie in Figure 1. the inside reveal measurements should be at least 1860mm or more wide. And overall height of 2520mm in figure 1.

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