This is my final design with exploded drawings of how it will fit together. The design is simple. 2 tubes the same size will slot into holes in the three floors, holding them together. A metal rod around which the spiral staircase will slot holds the floors up and is clamped in place inside the third, centre, tower. This tower is simply glued onto the top floor. The back of the structure is made of a curve that is vacuum formed and then slots tightly into the floors.

My client Sarah has approved this design for taking any of her criticisms from my previous designs and coming up with something manageable and practical. I have gone into more detail of her opinions on the plan of manufacture page.

The tower tops will be lathed out of solid wood with a small lip that will slot into the towers. The ball on top of each top is a safety feature as there should not be any sharp edges in my design.

The windows will be pewter cast. I have designed them in this rough shape to add to the ethereal appearance of the castle and to help add some detail to the otherwise fairly simple design. I will paint them gold to correspond with the colour scheme of white and gold where the tower tops the spiral staircase and the floors edges are all gold as well. The rest of the structure will be cream although I toyed with the idea of some gold brick detailing.