

toned down with age, but I am afraid we have not many suitable stones for such a purpose.

The steps can be constructed in the same materials as the walls, and here again is a variety of treatment. Naturally the treads and flights should be as wide as possible, and unless circular, wing walls are desirable. If the ends of the walls are built with piers they make a most effective stand for a vase or flower box.

Probably the most artistic are constructed of stone. For simple steps, a very good scheme is to build half the treads and risers in rough stone and fill in the back half of the tread with soil. This allows a space to plant creepers or small flowering plants, which would in time cover up the strings and add greatly to the effect. Balustrading in stone is an effective but expensive idea for garden designing. All we can expect is to construct them in cement, which, no doubt, is suitable for a stucco building. As moulded bricks are also beyond our market at present, plain bricks can be made into a most artistic balustrade to a wall. Even laying them in stretcher bond and leaving a space of half a brick between, is not to be despised.

Wherever possible we should work in a lawn, not only for the pleasure it affords, but for the breadth of treatment it gives and for the lovely soft green of the grass. If a lawn is out of the question, then there should be some small plots or paths. If there is one idea for a garden which I am more keen on than another, it is the pergola. Probably with the exception of a water treatment nothing looks so well. Whether the posts are built of wood, stone, brick, or concrete, it is always a thing of beauty, to say nothing of the use it can be put to in dividing off portions of the garden, or it can be built over the main entrance path to the front door, if the distance is not too great. What could give a visitor a better impression of a garden than entering it under a canopy of roses of all colours and perfumes? All that is required are a few sawn posts with cross beams to carry the 4-in. x 2-in. rafters and 1-in. x 1-in. battens to support the climbers. I suppose one 20-ft. long would not cost more than £8, which is not beyond the purse of any of our clients. The pergola came from Italy and is more or less a modern fashion. Two points worth noting are that it should never be built sloping and that the width should exceed the height, and the posts should be heavy.

It should be placed in such a position that a view is obtained looking down the length of it and it should lead from one point to another and end in a garden seat or summer house. All gardens should have a rose garden, where this queen of flowers can reign supreme. A simple way to obtain one is to fence round a small square in trellis which will take the climbers and also give shelter to the tree roses inside. Some such shelter must be provided in this windy climate. The gate ways can be made interesting by letting the posts stand high and carry cross rails and battens to support the climbers. One of the most decorative trees is the standard rose bush and it lends itself to many positions. They can be used on both sides of a path to form an

avenue, or at the four corners of intercepting paths.

"Fountains and waters are the soul of gardens, they make their chief ornament and enliven and revive them. How often it is that a garden beautiful though it be, will seem sad and dreary, lacking in one of its most gracious features, if it has no water" so wrote an authority on gardens in 1711 and his words hold good to-day. The reflections gained of the house and garden are well worth going to a lot of trouble to obtain and it does not take a very large pond to obtain them. It should be noted that the nearer the water is to the top of the pool the larger will be the reflections. The design of pools are legion, from the square and round to the long narrow pool or canal with a square in the centre.

One drawback to them is the danger to small children playing in the garden, but this can be minimised by making steps down to the pool. A very simple pool could be constructed in concrete say 8-ft. x 6-ins. x 2-ft. 6-ins. and finished on the top with a brick on edge. A pool this size, placed in the centre of a lawn in front of the house occupying a 40 ft. section, would give some charming reflections to say nothing of the effect of the waterlilies. The appearance of a pool is greatly enhanced by a fountain, or even a spray from a small diameter pipe is not to be ignored. The garden design, that will allow of a marble or lead figure is very exceptional at present, but I am sure as this country develops more attention and money will be given to gardens, and it behoves us, as architects, to prepare and hasten the change.

A very simple and cheap, but effective embellishment to a garden is a sun dial but its success greatly depends on a proper setting. Another point to bear in mind is that it must have a wide and substantial base, as without it the sun dial looks as if it had sprung out of the ground and lacks the necessary dignity. A dial placed on a lawn should be built up with three or four steps. One of the most effective positions for this feature is at the junction of four paths. The pedestal may be designed in dozens of different ways and so can the dial and special interest can be given to both by working in appropriate verse.

No garden is complete without one or more seats, and they should be placed against a hedge or wall, and be accessible by a path, to make them look as if they were intended for the position. Summer houses and tea houses can be worked into the design if the grounds are big enough. Here again we are faced with the absolute necessity of some connection between the house and this feature. There are lead tanks, statues, walls, hedges and fences, which I have not touched. If we could work some of these ideas into our gardens satisfactorily it would be the means of giving pleasure to our clients and have an influence for good on their artistic temperaments. In conclusion I will quote the words of T. H. Mawson, who said, "To create beauty, not only of form and environment, but also of mind and moral atmosphere, is a taste, which should inspire the best and noblest type of mind, and supply food sufficient, both in quantity and quality for the greatest intellect."