Although a person outside the תחום שבת has four אמות in each direction (two sides), a person is חייב for carrying four אמות in any direction.

If there are three adjoining courtyards, that open to each other, and to עירוב, and the two outer courtyards made an עירוב with the middle courtyard, but not with each other, it is מתר to carry from the middle courtyard to each outer courtyard, but it is to carry from the one outer courtyard to the other. If both of the outer courtyards made their עירוב in the middle courtyard in the same house, then it is as if they have joined together, and it is a carry from one outer courtyard to the other.