In our half of the country, we should place post alternating, as shown in No. 1, - capping over the hall, and the partitions of hall would be 9 feet, 8 to 12 inches thick in cellars, and principal floor, and this would form the floor of the Odeon, No. 2. The two middle (black above in sketch) posts receive a firm support from below, and the other posts standing upon a plate resting upon the joint of floor. These posts of the Odeon were to continue up, or be framed in two stories, the upper one the library, and also support both the girders of floors, and also the roof. The roof would need no trussing, these posts bearing the public and rafters of roof.

A. Girders, supported by posts. B. posts in library, acting as gusset posts, and bearing the weight of roof. The same being so slight as not to be useless to turn out, but lie with a perfect triangular piece upon these posts. The triangular space being well tracked.