



Fig. 4.—EXPANDED METAL SOLID PARTITIONS.
Showing Framing Methods, Etc.

affair of equal thickness. The monolithic character of our system, with its staunch and continuous network of steel, protected by plaster from corrosion absolutely, commends itself at once over any block or fragmentary construction. There is no possibility of shrinkage, or the falling off or *cracking* of plaster. The weight is less than 15 lbs. per sq. ft., complete. The 12 ft. high partitions, of 2 in. thickness, adopted in New College, Oxford, are in the published opinion of the architect, as sound-proof as a 9-in. brick wall. As to rigidity and stability, witness those in the London (Eng.) Hospital Medical College, which range between 16 and 19 ft. in height.

Ordinary gas pipes and electric wires can be run in solid partitions without difficulty. In kitchens, laundries, conservatories, bath rooms, closets, basements, etc., architects have found the substitution of a cement baseboard (see cut on page 13) neatly moulded into position by the plasterer when finishing up his work, a perfect cure for the dampness and vermin lodgment of the ordinary wood baseboard. The method is simple and all housekeepers comprehend the boon conferred by this space, which can be thoroughly scrubbed and washed, yet never is damp.

The sanitary benefits from our system in the construction of hospitals, asylums and others of like class, are apparent at a glance; absolute cleanliness of every nook and corner is ensured by the monolithic quality of our solid partitions.

For solid partition advantages as a base for expensive decorative plastic effects, see under "False Work" and elsewhere.

Figs. 4 and 5 indicate plainly different methods of framing in connection with Expanded Metal walls, and

DOOR AND WINDOW FRAMING.

show no difficulties to arise from their thinness, even when, for instance, circumstances demand sliding windows in corridors. Other details, of course, may be devised to meet the judgment or taste of the architect.

Where large pipes or air ducts are necessary, double or hollow partitions can be used, consisting of light steel

HOLLOW PARTITIONS. studding with Expanded Metal lath on each side. The entire thickness through, by suitably arranging the channel studs, need not exceed 2 in. Such a partition possesses the advantage of greater warmth, and is applicable to the entrance vestibules of offices, stores or residences.