



ABOVE: The new microelectronics factory building. It has no windows in the production areas. This is not only for cleanliness, the light level will be a constant 70 lumens—better than normal—and this will save eye-strain for the people working with microscopes. LEFT: The three chimneys of the boilerhouse. They are 78 ft. high, are supported by spiral strakes, and have no stays. BELOW: One of the production areas to which all services are supplied from the roof area.

## Ultra-clean air for new Witham microelectronics plant

One of the main features of our new Witham factory is the clean air supply for the microelectronics production areas. So important is cleanliness that 99.995 per cent absolute filtration of air will be achieved. In ordinary parlance it means that the filters in the air supply system will not let through any particle of dust larger than half a micron. A micron is a millionth of a metre—that clears the air. The blowers and fans, and masses of air-ducting between the plant room and the production areas have now been put in, and the factory is nearing completion. This project is being co-ordinated by Marconi's Building and Facilities Group.

