

the furnace to extend into the barn. For firing with gas the furnaces need not be so large. The foundation should be of concrete and should extend about 4 feet above the surface of the ground on all sides. In these walls it is well to place about three 4-inch tile on each side near the ground in such a manner that they will protrude through the walls and serve as a means of ventilation. Small doors should be cut in the gable ends near the top which can be opened for the purpose of ventilating; and a portion of the peak of the roof should also be so constructed that it can be raised or opened for the same purpose.



PLATE VII.—Exterior view of curing barn, showing fire-places and top ventilation.

CURING.

The most successful curer keeps constantly in mind, all through the growing season, the type of leaf which he wishes to produce and the factors which will influence the colour of the leaf when cured. He transplants, cultivates, and tops with due consideration for the soil and climatic conditions and with the fixed idea of producing a smooth leaf, not too coarse and heavy in body, and one which will yellow up nicely in the field just before ripening time. Such a leaf is about the ideal type for the best