



**FIGURE 18-9** Digitized version of camera-lucida drawing of a layer 5 pyramidal cell, after it had been scanned on the confocal. Such drawings were made in order to have a complete view of the cells whose dendrites were included in the quantitative analysis. To obtain confocal records of the entire neuron would have been too time-consuming and, at least in this case, irrelevant to the aim of the study. The area within the red box appears in the left panel of Figure 11 as a 3D reconstruction.