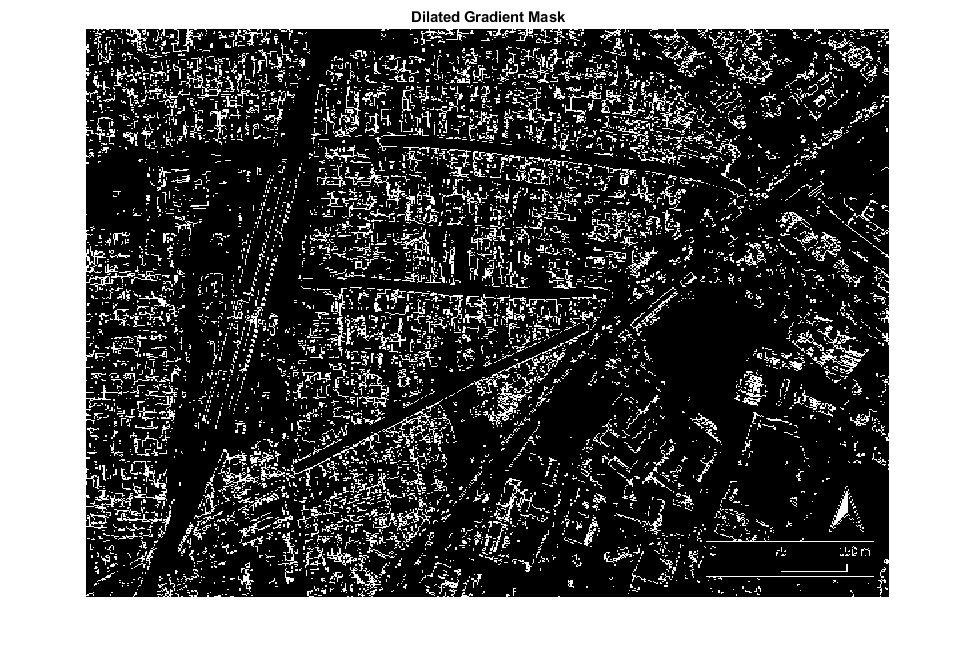


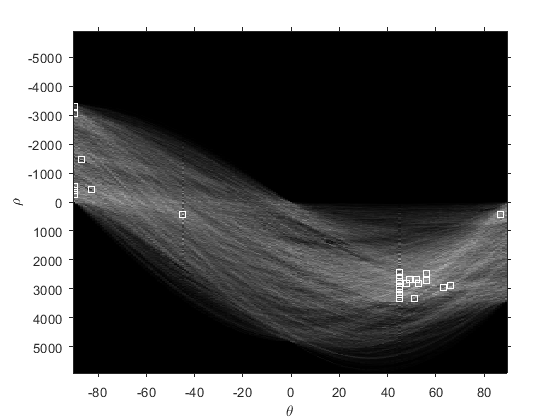
Thresholding



Edge detection with dilation



hough peak transform for road extraction



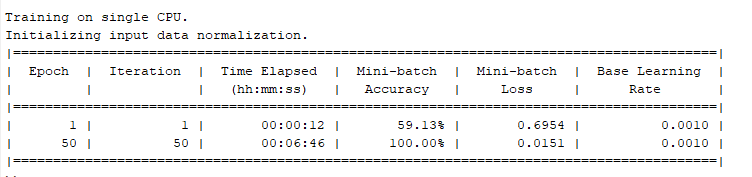
road extraction



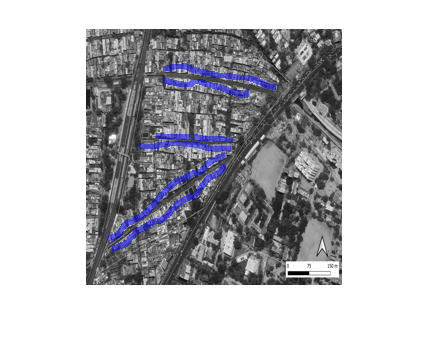
Building detection using deep learning

To perform this, we used semantic segment network to classify the road and encroached building using image labeller. Then, with labelled pixels were used for training the network to classify the encroached building.

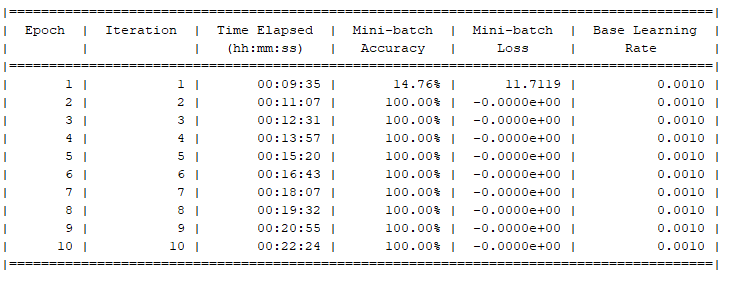
The output of this process is given below







Individual Encroached building using U-net



Final mapping



Evaluation

