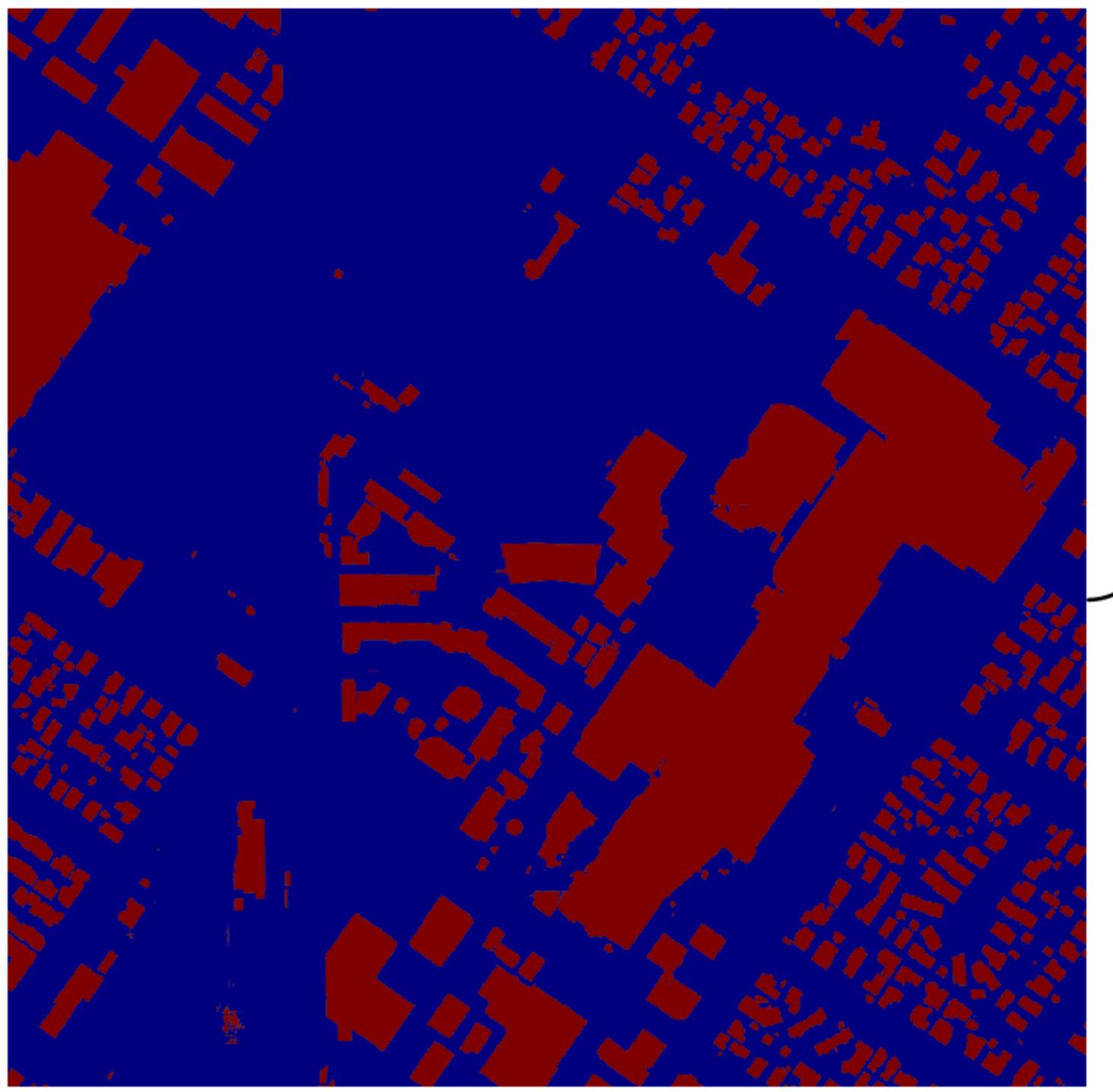
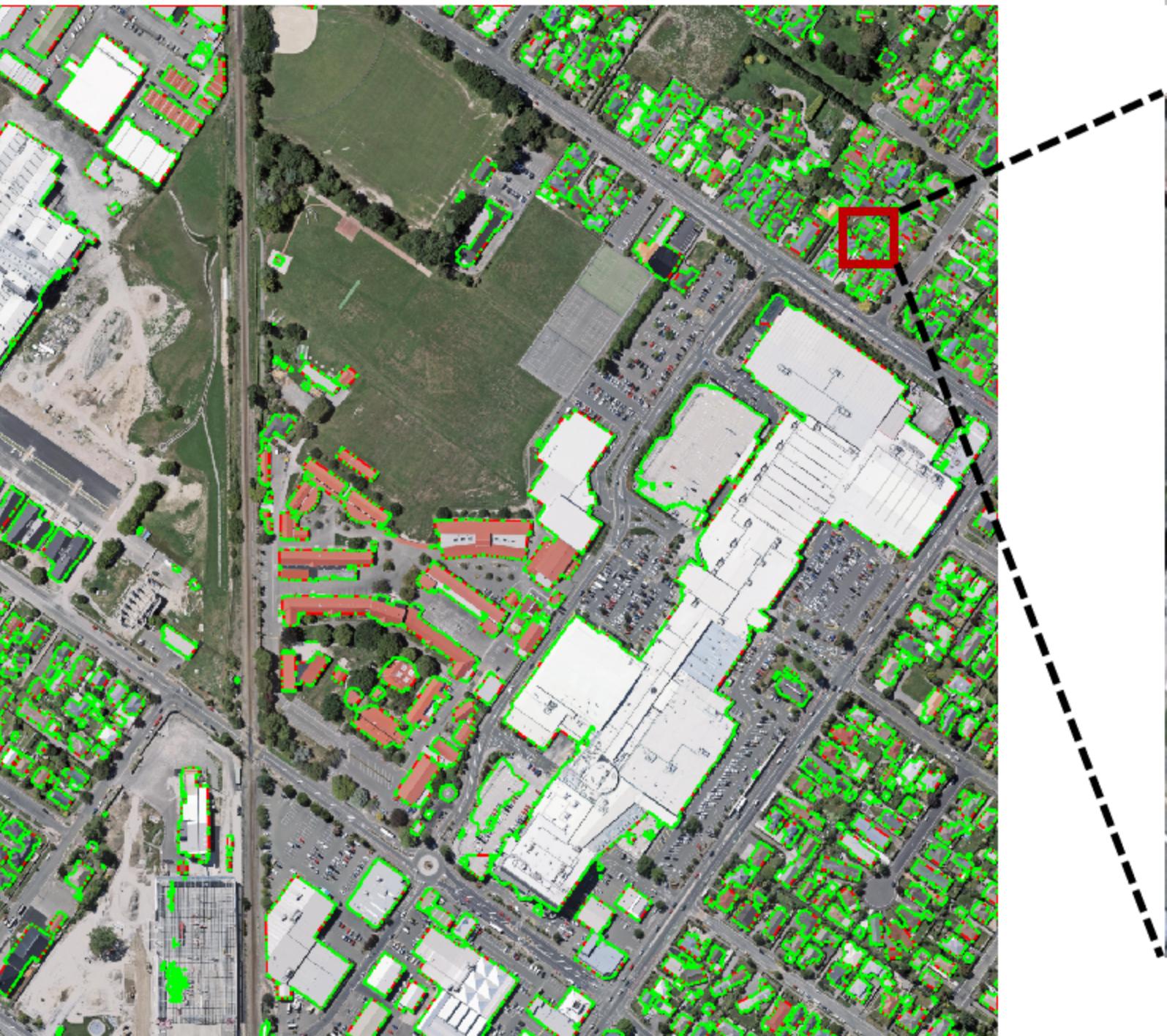




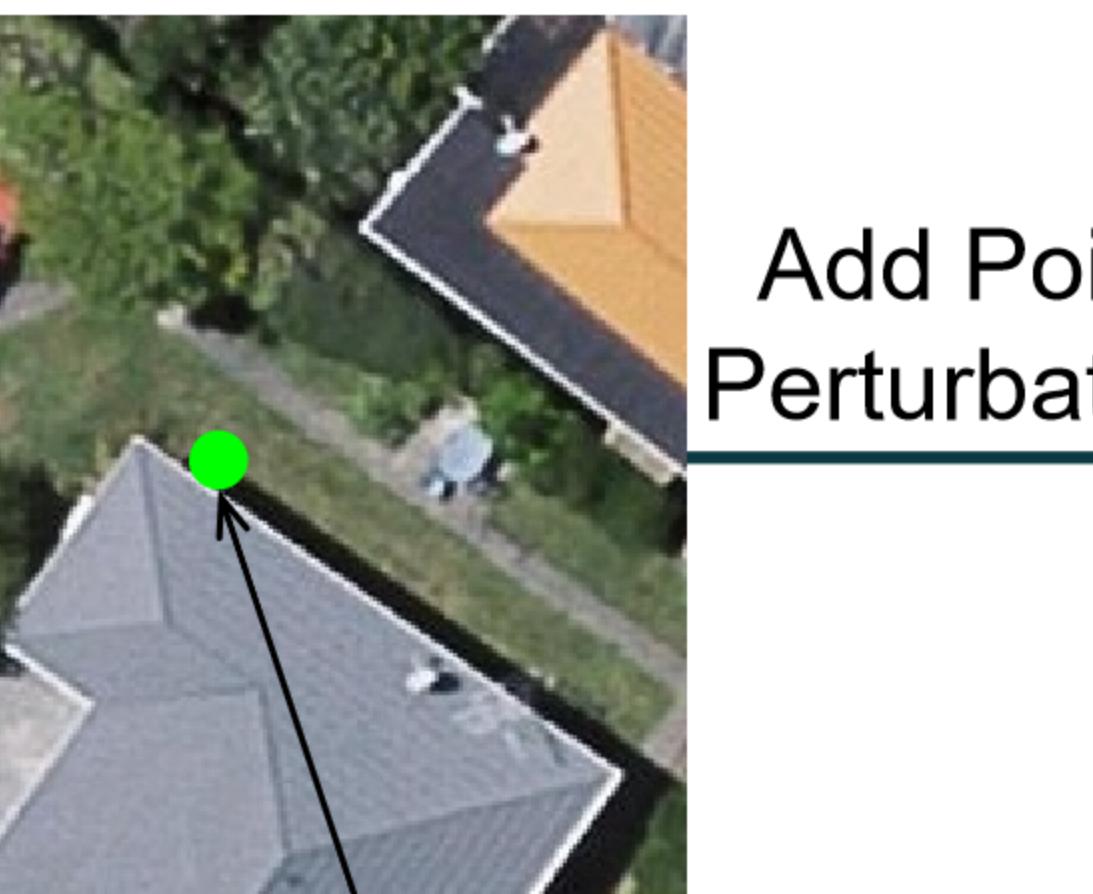
# Large-size VHR image



# Semantic segmentation result

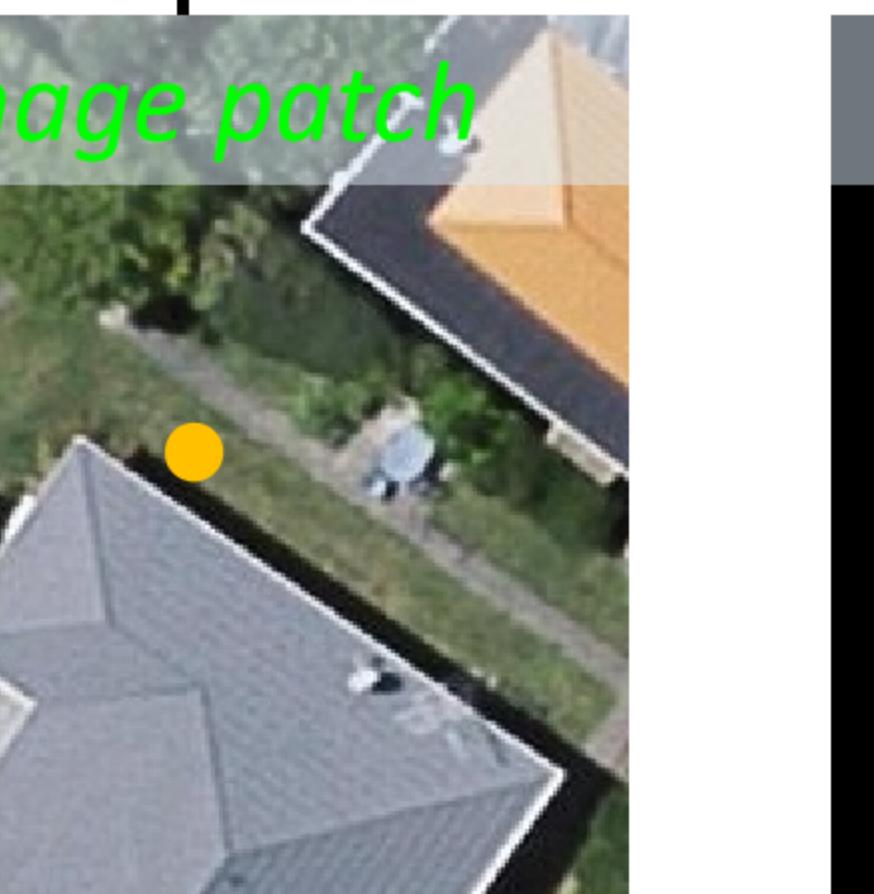


# Coarse instance result

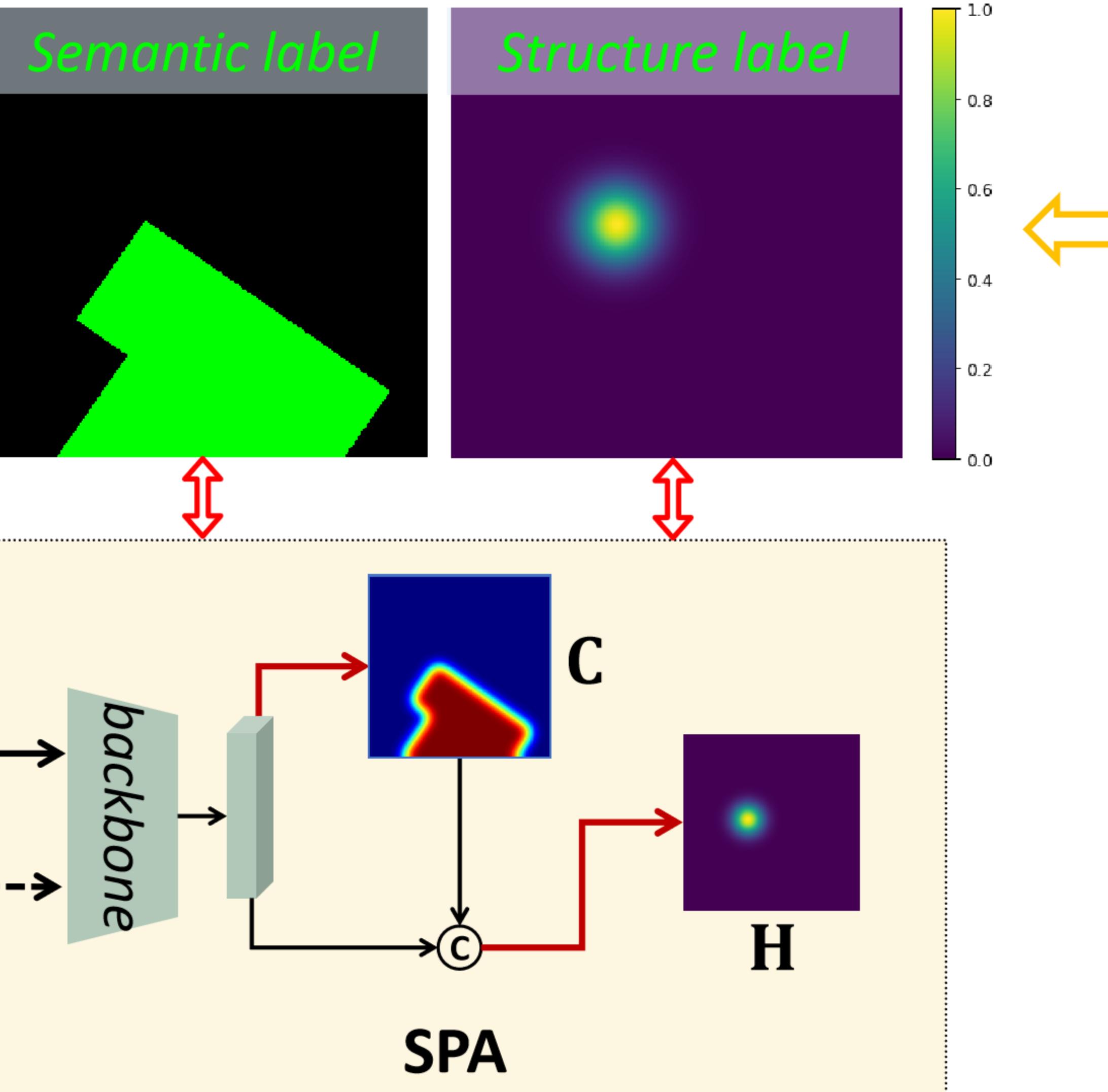


An aerial photograph of a house with a grey shingled roof. A large green circle is overlaid on the roof, with a black arrow pointing from it towards the top edge of the image. In the background, there's a lawn and some trees. The image is part of a larger diagram illustrating a perturbation process.

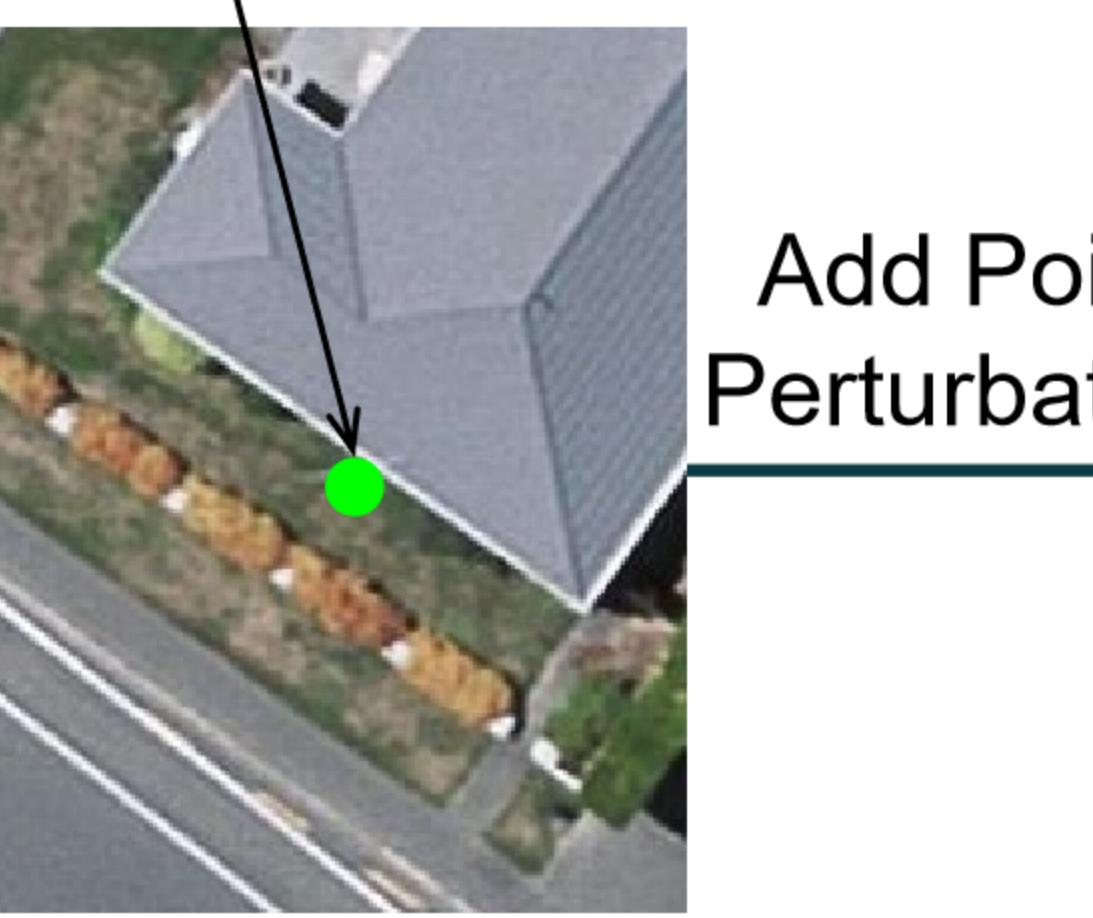
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ation



An aerial photograph of a residential neighborhood. In the foreground, a house with a grey shingled roof is visible. To its right, a larger building with a yellow roof and a white trim around its entrance is partially visible. Between these two structures, a small, dark, rectangular object sits on the grassy lawn. A yellow circle has been drawn around this object to draw attention to it. The background shows other houses and trees under a clear sky.

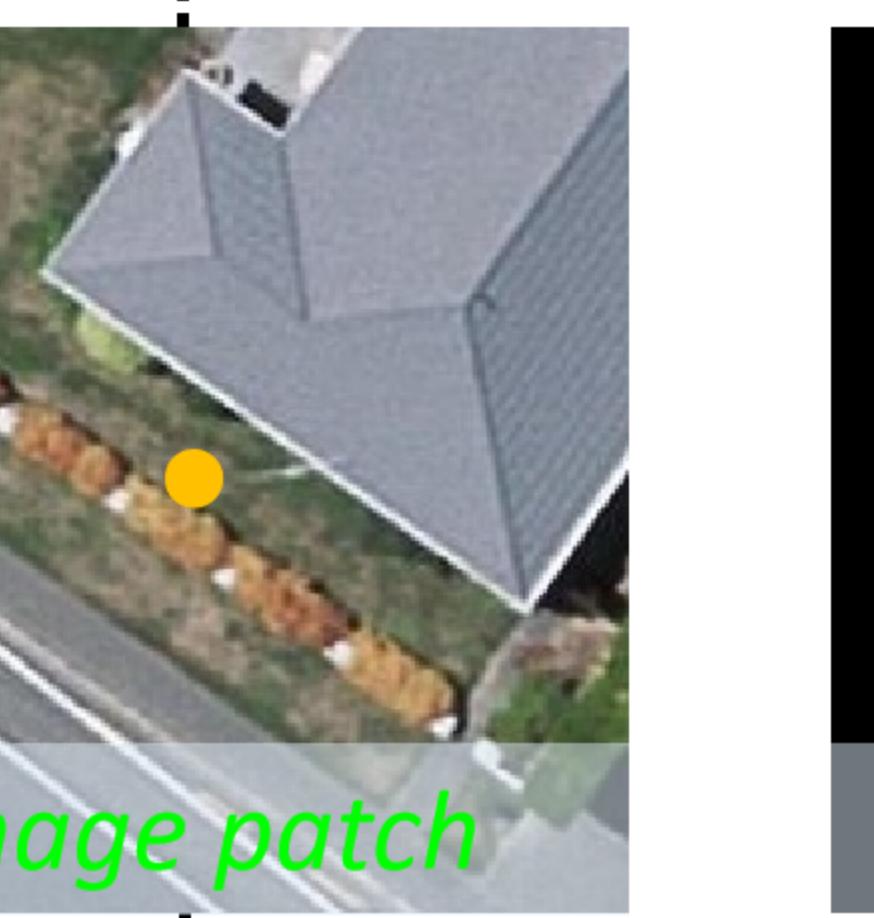


The image shows an aerial view of a residential neighborhood. A red car is parked on a lawn. Two circular markers are placed on a grey roof: a pink one on the left and a yellow one on the right. A red dashed circle surrounds both markers. A black arrow points from the bottom right towards the pink marker.

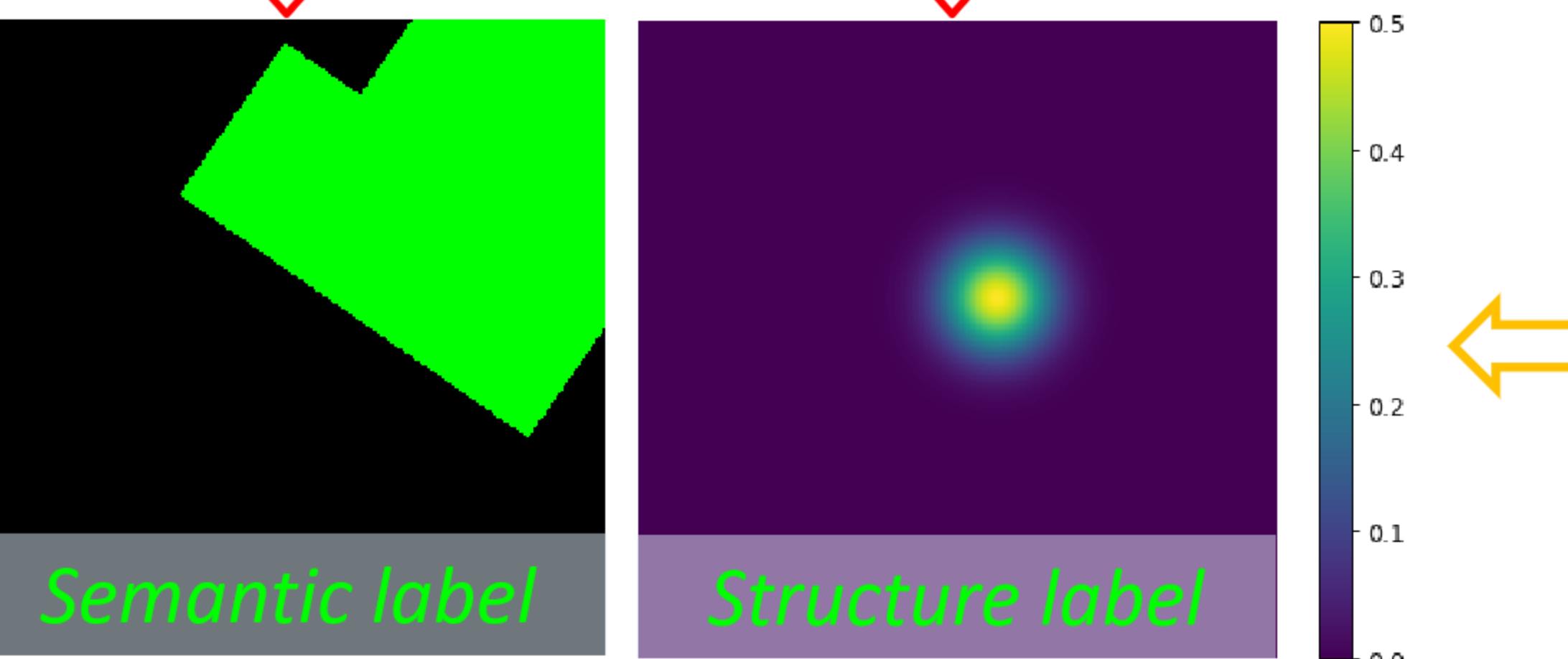


An aerial photograph of a single-story house with a grey roof and white trim. A black arrow points from the top left towards a bright green circular marker placed on the grass near the base of the house. The house is surrounded by a lawn with several orange and yellow autumn-colored trees. In the foreground, a paved road with white dashed lines is visible.

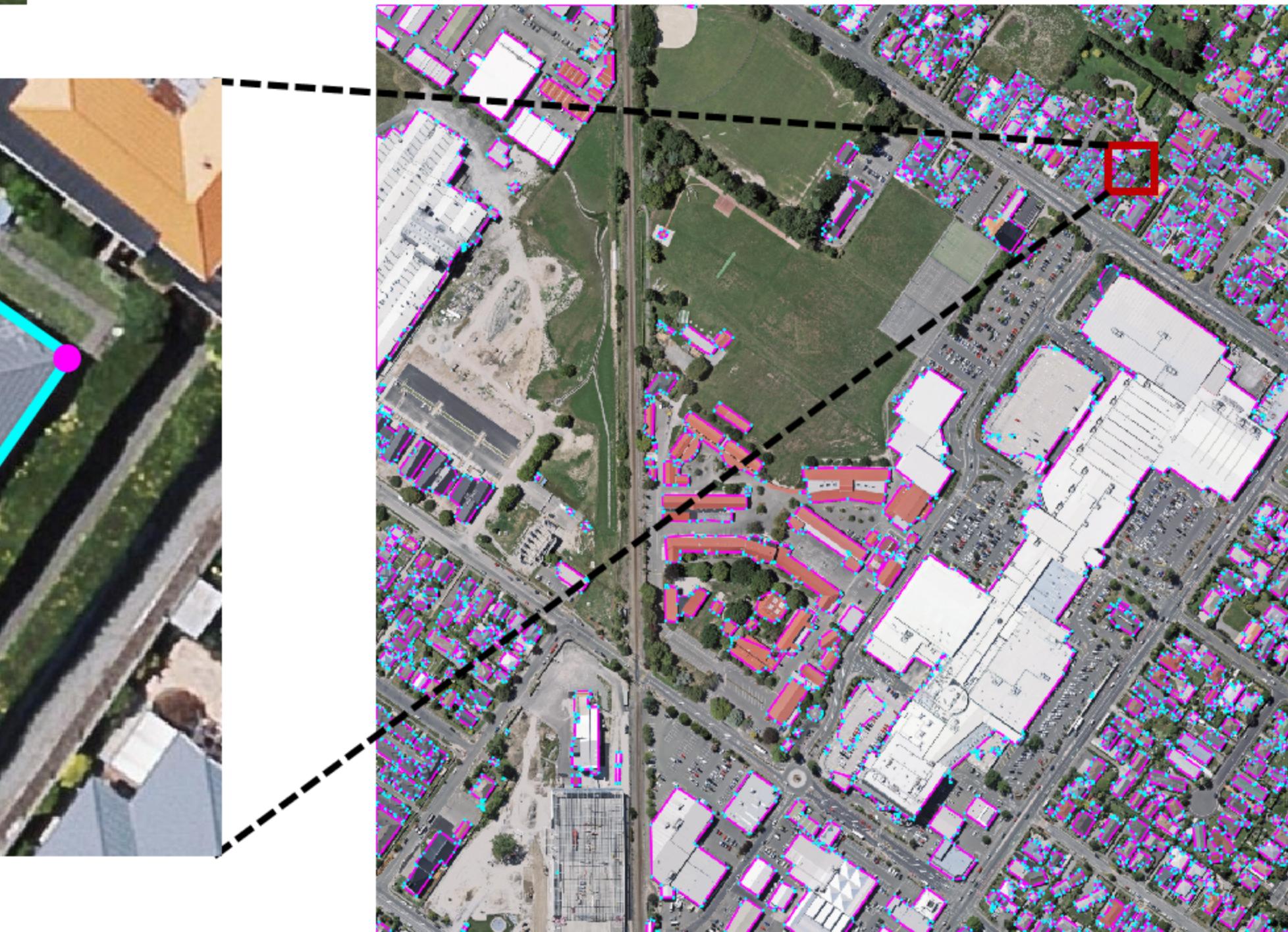
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An aerial photograph showing a large, modern-looking building with a light-colored, possibly white or light grey, exterior and a dark grey or black roof. The building has a complex, angular design with multiple facets. It is positioned adjacent to a paved road with a white dashed line. In front of the building, there is a strip of green grass and a row of small, mature trees with autumn-colored leaves (yellow, orange, and red). A yellow circle is drawn on the roof of the building, centered on one of its facets. In the bottom left corner of the image, the words "image patch" are written in a green, sans-serif font. The entire image is framed by a thick black border.



An aerial photograph of a road with a dashed red circle drawn around a cluster of trees. Inside the circle are two yellow dots: one at the top and one at the bottom. A black arrow points from the top dot towards the right side of the image. The road has white dashed lines and is bordered by green grass and trees. In the bottom left corner, there is a small yellow square icon.



# Ground truth vector

- The diagram illustrates a neural network architecture. It starts with a green circle labeled  $P_{minL}^{seg}$ . An arrow points to a yellow circle labeled  $P_{minL}^{peb}$ , which is followed by a red double-headed arrow labeled "Concatenation". Another arrow points to a pink circle labeled  $\mathcal{L}_{minL}^I$ . A red double-headed arrow also connects the green and pink circles.