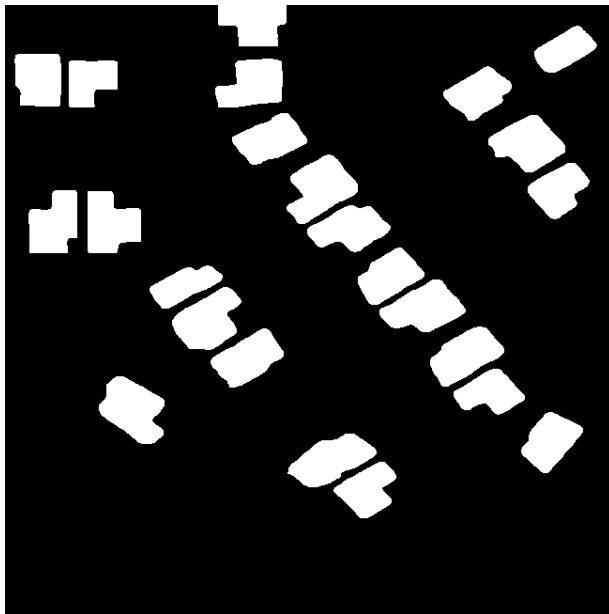# Procedural Roof Generation From a Single Satellite Image

Supplemental Figures
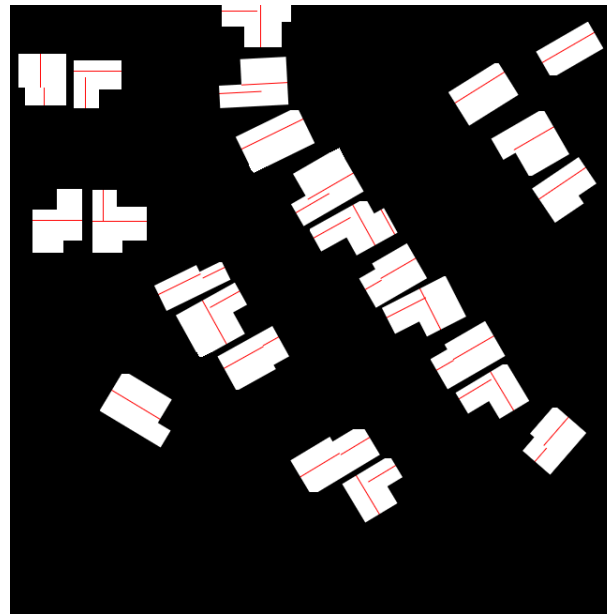
Supplemental Figure 1:
Additional Examples

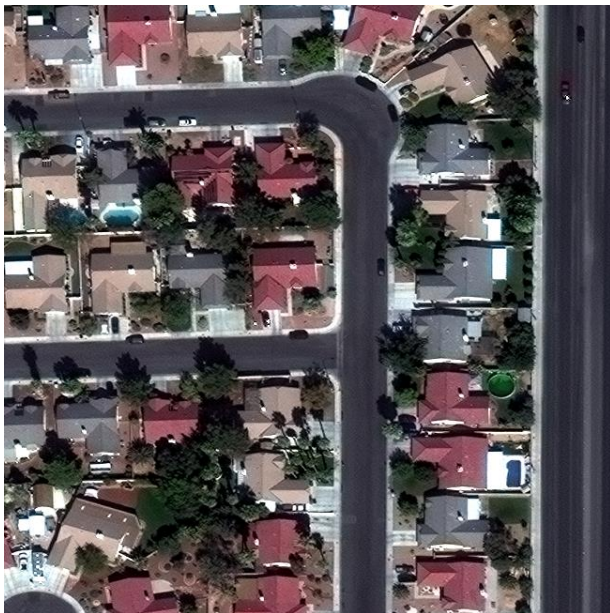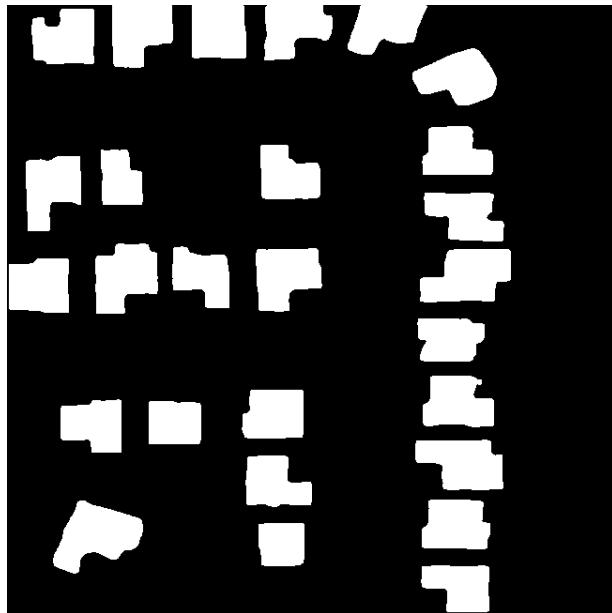(a) Input urban area from SpaceNet   (b) Initial segmentation   (c) Our footprints and roof ridges   (d) Our procedural generation
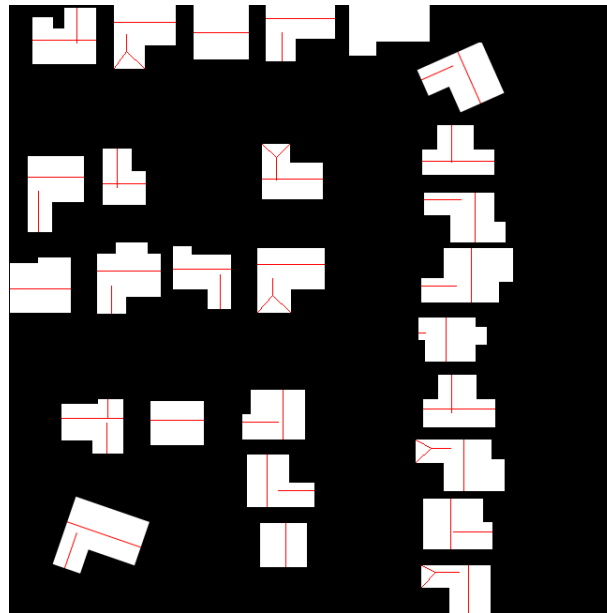
(a) Input urban area from SpaceNet   (b) Initial segmentation   (c) Our footprints and roof ridges   (d) Our procedural generation

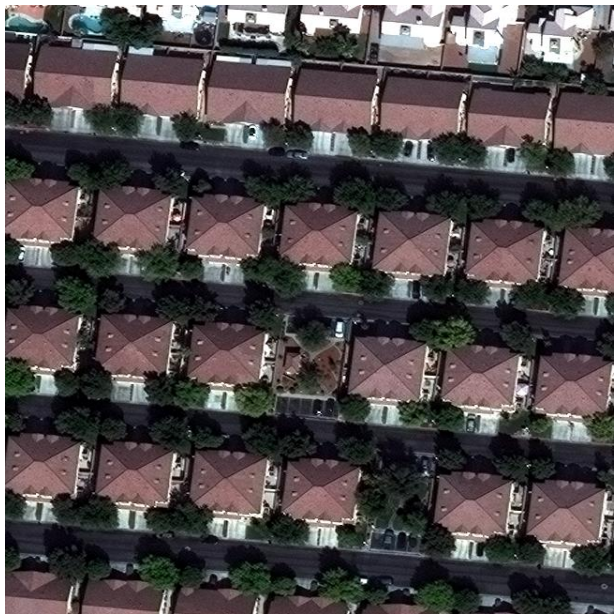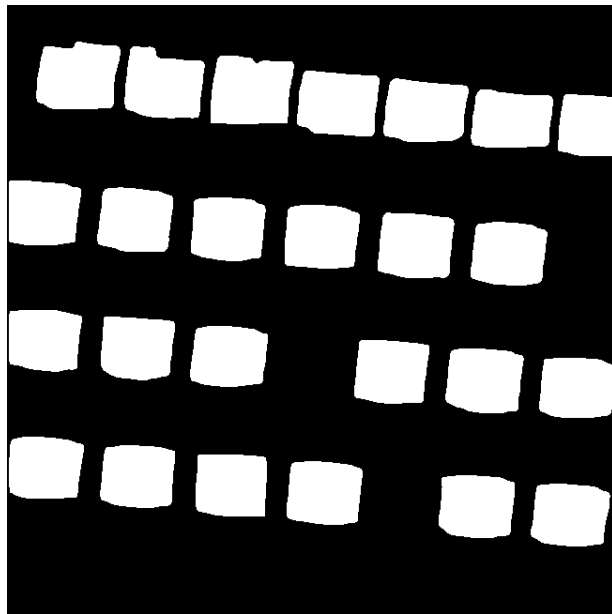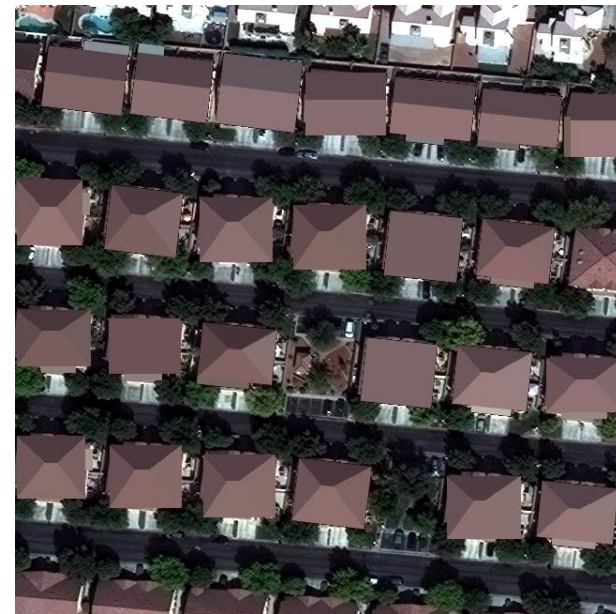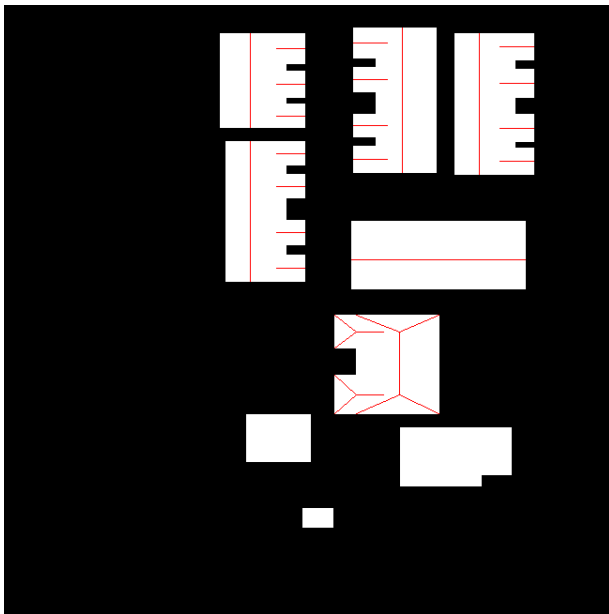(a) Input urban area from SpaceNet   (b) Initial segmentation   (c) Our footprints and roof ridges   (d) Our procedural generation
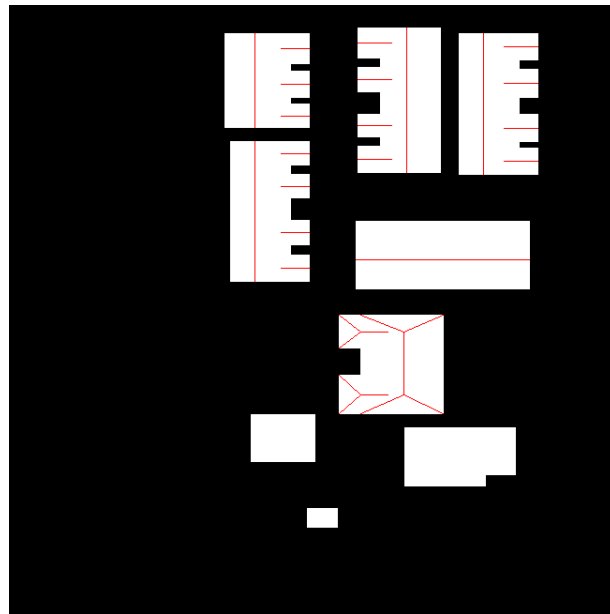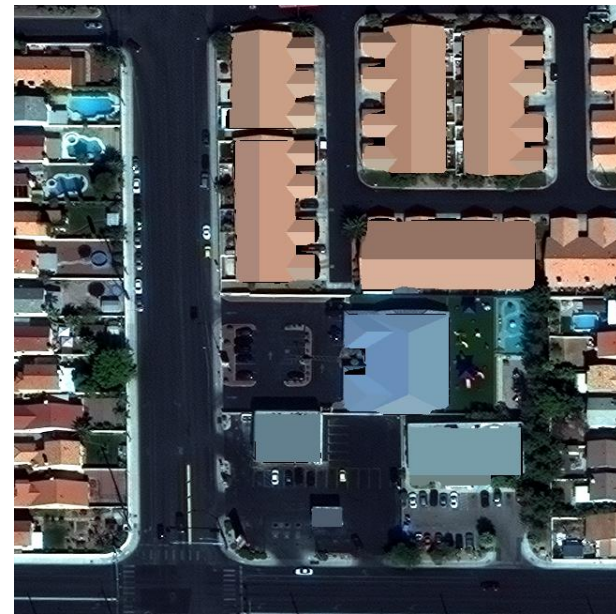
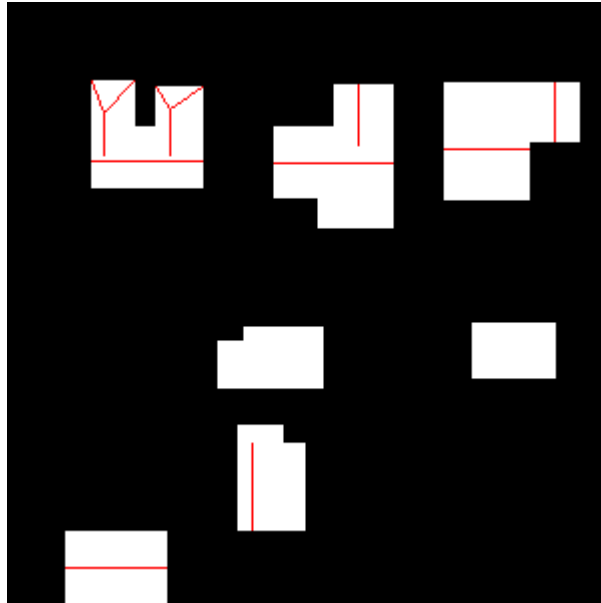(a) Input urban area from SpaceNet (b) Initial segmentation (c) Our footprints and roof ridges (d) Our procedural generation

(a) Input urban area from CrowdAI   (b) Initial segmentation   (c) Our footprints and roof ridges   (d) Our procedural generation
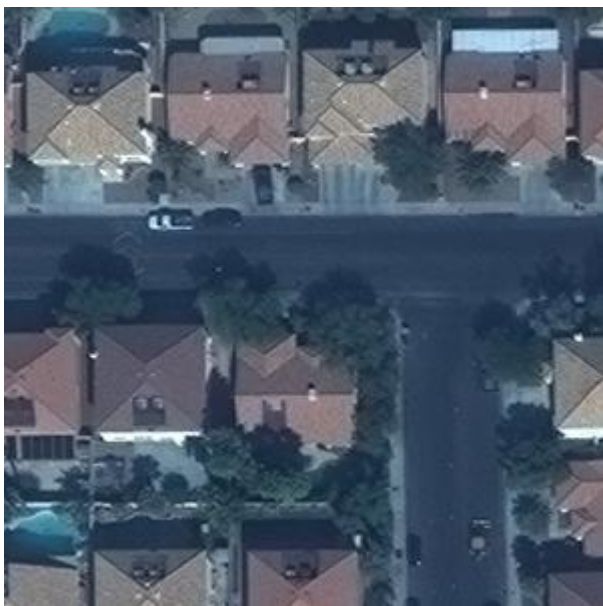
(a) Input urban area from CrowdAI   (b) Initial segmentation   (c) Our footprints and roof ridges   (d) Our procedural generation
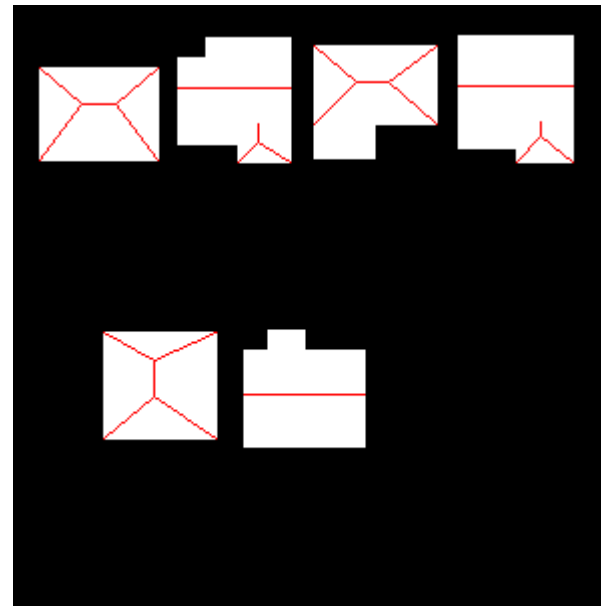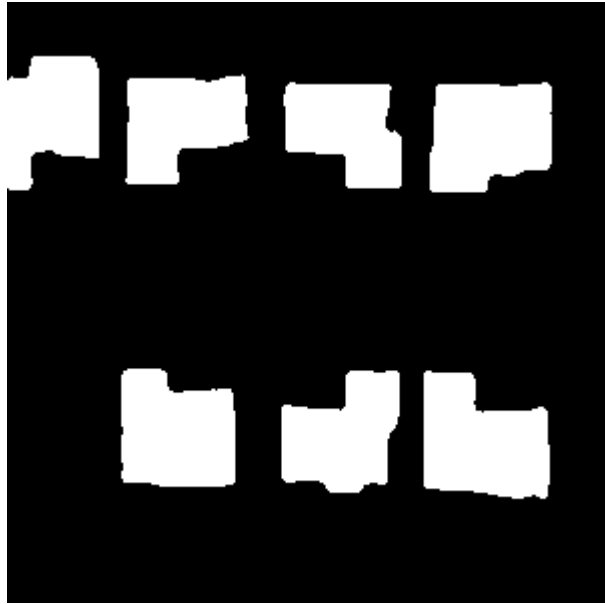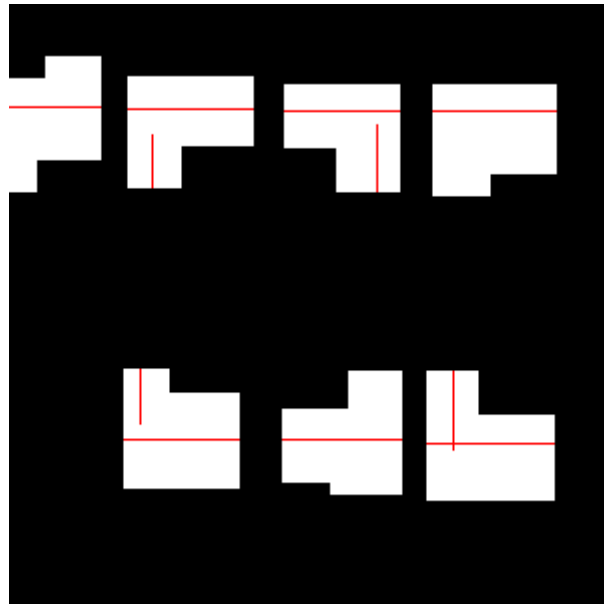
(a) Input urban area from CrowdAI   (b) Initial segmentation   (c) Our footprints and roof ridges   (d) Our procedural generation

(a) Input urban area from CrowdAI   (b) Initial segmentation   (c) Our footprints and roof ridges   (d) Our procedural generation
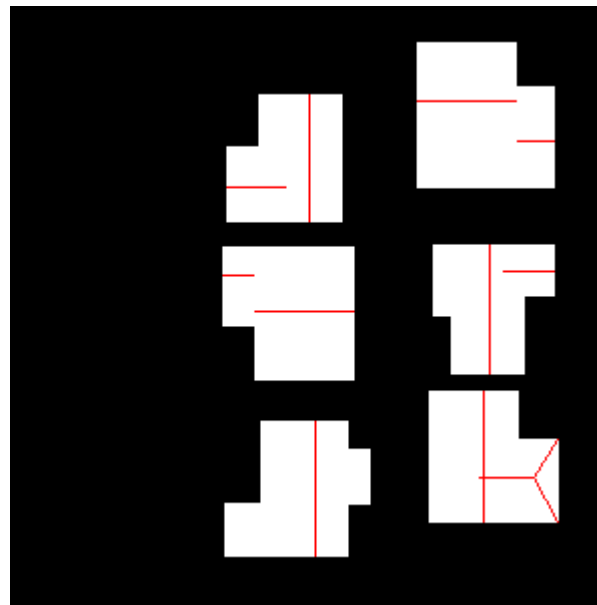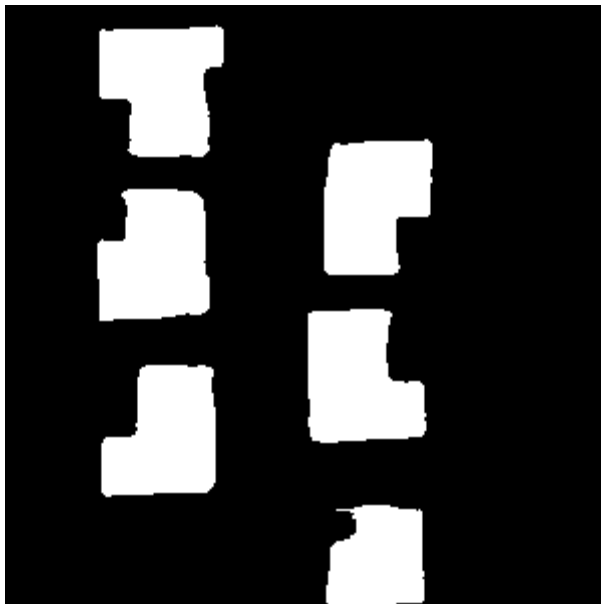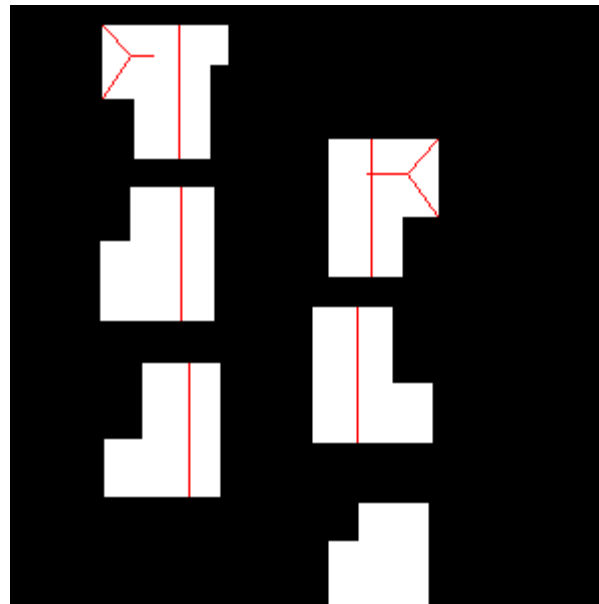
(a) Input urban area from CrowdAI   (b) Initial segmentation   (c) Our footprints and roof ridges   (d) Our procedural generation
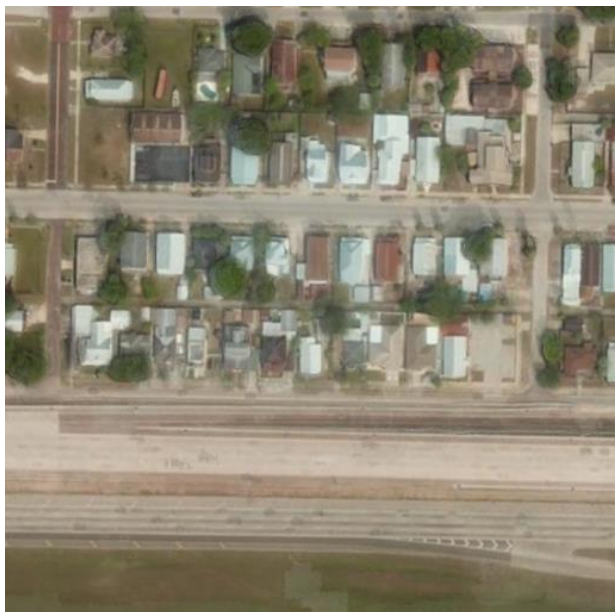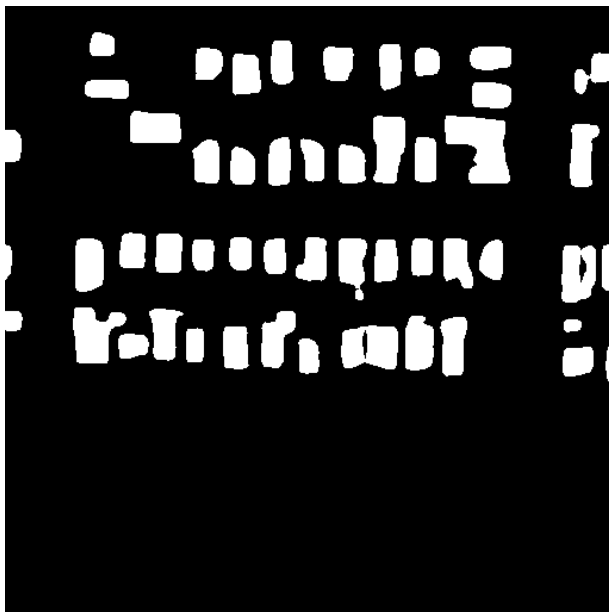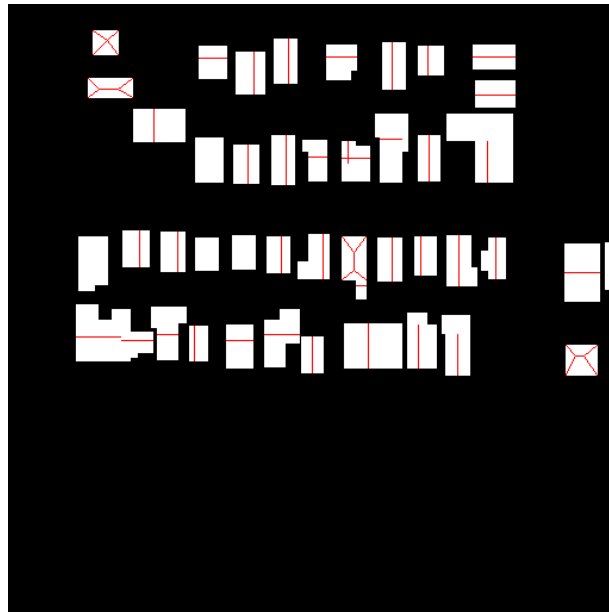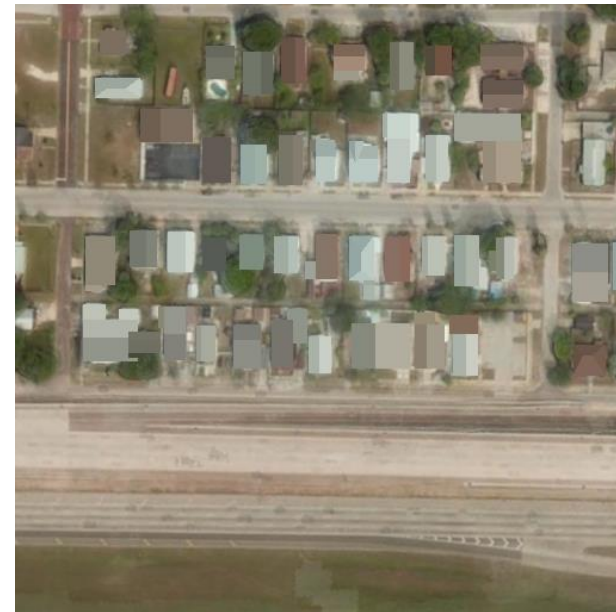
(a) Input urban area from Urban3D   (b) Initial segmentation   (c) Our footprints and roof ridges   (d) Our procedural generation
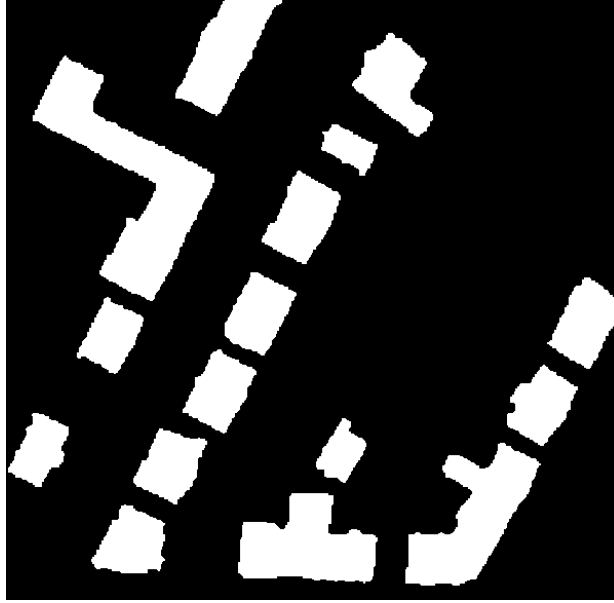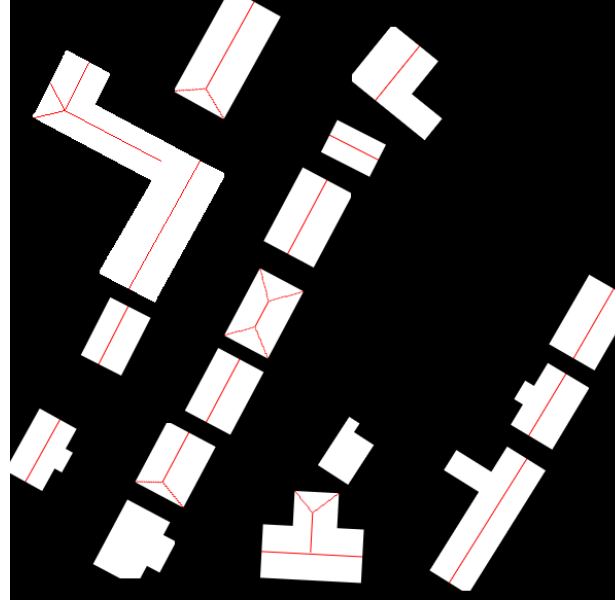
Supplemental Figure 2: Potsdam

(a) Input urban area   (b) Initial segmentation   (c) Our footprints and roof ridges   (d) Our procedural generation