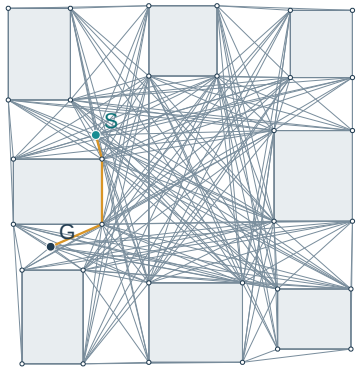
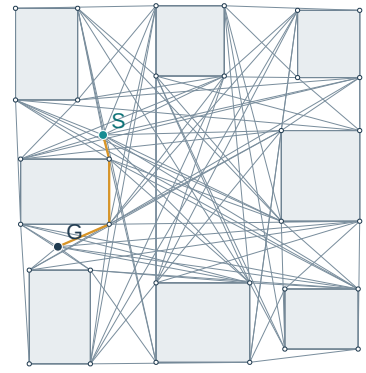
Full visibility graph



Request 12 · 209 valid edges

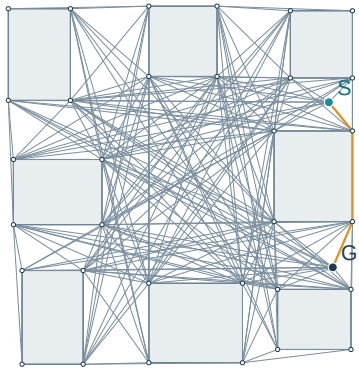
Path length 286.844 units

Tangent-reduced graph



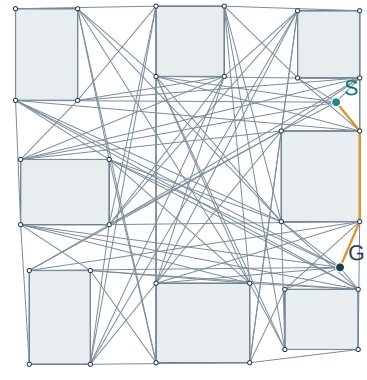
Request 12 · 130 valid edges

79 edges removed · same path length



Request 23 · 206 valid edges

Path length 348.686 units



Request 23 · 128 valid edges

78 edges removed · same path length

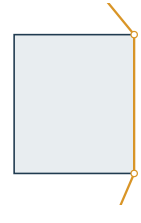
Corner detail · request 12



Route coincides with the obstacle boundary. Strict interior is excluded.

Point model: contact permitted

Corner detail · request 23



Route coincides with the obstacle boundary. Strict interior is excluded.

Point model: contact permitted

All valid graph edges

Recorded shortest path

Same coordinates and scale in all four maps