



## SITE MAPPING INSTRUCTIONS

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**Mission:** PPK smart oblique mapping with a DJI Mavic 3E + RTK module, capturing data for 3D photogrammetry used by landscape architects.

### **Goals:**

1. Capture hundreds photos all around the site (e.g. 200 to 1,000)
2. Capture photos with RTK module turned off in a PPK workflow  
>> [DJI: PPK Workflow Tutorial](#)
3. Capture photos from all angles using *Smart Oblique* mapping  
>> [YouTube: Smart Oblique Mapping](#)

### **Settings:**

Smart Oblique: On

RTK: Off

Altitude: 2 meters over tallest obstacle

Camera: Shutter Priority (S)

Side Overlap Ratio: 90%

Shutter: 1/600 - 1/2000

Frontal Overlap Ratio: 90%

Mechanical Shutter: On

Margin: 5 meters

Dewarping: Off