SITE MATRIX

CONSTRUCTION MONITORING



PROBLEM

Progress claims, design deviations and earthworks volumes become disputes. A mid-pour flag is a correction. The same deviation at handover is a rework.

FIX

The same whole-site data at every capture — not a contractor grading their own homework.

"Measured, Not Reported"

"On track" is an opinion until someone measures it. Regular aerial capture gives your project one record everyone can agree on.

— Site Matrix

5–10% — variance can occur in unverified earthworks claims

2–4 weeks — between captures, matched to your program

1 baseline — every capture is measured against it

Typical figures; capture response is set to your program and milestones.

WHAT WE INSPECT

Progress tracking — Progress for reporting, financier drawdowns and marketing

Deviation monitoring As built vs design model, flagged while it's cheap to fix

Construction inspections Works-in-progress and hard-to-reach zones, without stopping trades

Cut & fill volumes — Verified earthworks for progress payment certification

HOW IT WORKS

1. **Baseline —** A starting capture, plus your design model
2. **Capture on cadence —** Fortnightly or monthly, plus key milestones
3. **Compare & report —** Deviations, volumes and a stakeholder-ready progress pack

WHAT YOU GET

- ✓ Comparative whole-site orthomosaics
- ✓ Cut & fill volumetrics
- ✓ Design deviation flags
- ✓ Independent progress estimate
- ✓ Your data — you own it
- ✓ Accuracy +/- 2cm, output formats IFC, GeoTIFF, LandXML
- ✓ Every Capture in your secure client portal.

OPTIONAL

Digital 3D twin — a measurable, BIM-ready 3D model of the site at each milestone.

WHO IS IT FOR

Developers / Project Managers / Earthwork Contractors / Builders and Contractors

- RPE Engineer-led / CASA
- ReOC 9692 / Night Qualified / Radio Qualified Pilots
- $20M public liability
- L2 Infraspection certified

PAIRS WITH

Digital Twins / Reality Capture / Survey & Mapping

see the Site Matrix Method

See your roof condition without anyone getting on it.

Book Your Progress Monitoring — Speak to Us Today

0421 043 325 info@sitematrix.com.au