

An aerial photograph of a construction site at sunset. A large yellow crane is positioned on the left, with its hook suspended in the air. In the center, a multi-story steel frame structure is under construction, with several workers visible on the upper levels. The ground is cluttered with construction materials, equipment, and site vehicles. The background shows a cityscape under a warm, orange sky.

# AI in Construction Safety

## *Live Build*

*Victoria 2026*

**David Dunham**

AI Safety Sprint

19 Minutes

You design the project, I build the safety package

**2.5 PETABYTES**

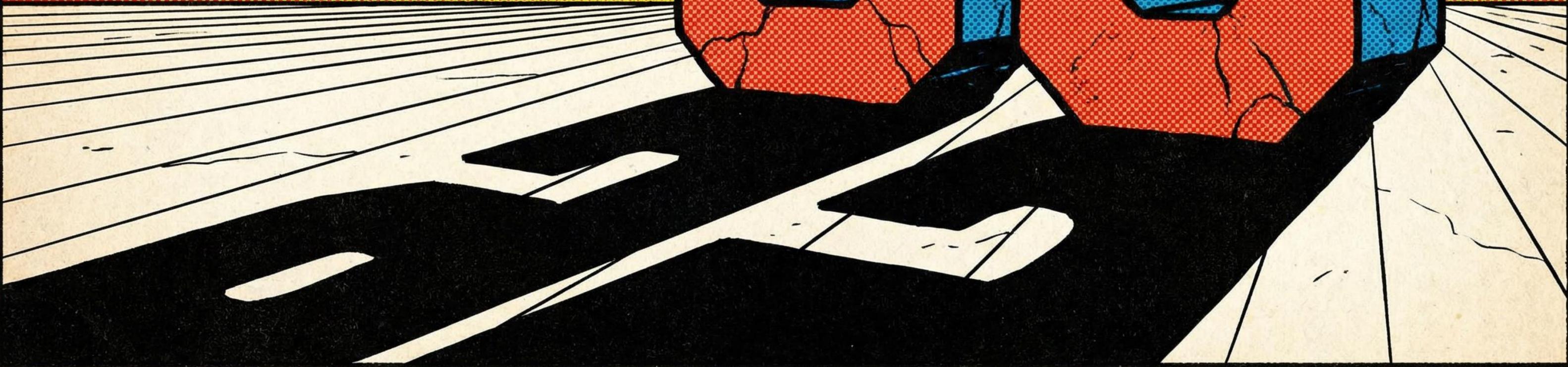
BY THE COSMOS! IT'S...  
**UNIMAGINABLE!**



# 2.5 PETABYTES



**THE  
LEGENDARY  
95!**



**WHAT...  
IS IT  
DOING?**







# ***SAFETY LEAGUE BRIEFING***



***MAXIMUM SAFETY! ZERO RISK!***



RIVERSIDE OFFICE COMPLEX

22.5 m



**SAFETY MANAGEMENT PLAN**  
EMPLOYEE DRIVER OFFICE  
CEDSBY OFFICE  
SAFETY MANAGEMENT PLAN



# DEMO 1 — Site-Specific SMP | Claude

SAFETY FENCE  
FOOT USE ONLY  
CONSTRUCTION SITE  
NOT FOR STANDING  
WITH CHILDREN

# DEMO 2 — Orientation | SimTheory



DEMO 3 — Toolbox Talk | Claude

**WHAT...  
IS IT  
DOING?**



# What to Try This Week

- 1** Open Claude and draft a safety doc for your current project
- 2** Try SimTheory to build a 5-minute orientation for your site
- 3** Set up a toolbox talk folder with your own template