

Daily Log

Intern: Tadiwanashe Taimu

Internship Supervisor: Nkanyiso Mbatha

Location: South Africa, Cape Town, Gaborone, Abland Property Developers

Time In: [8:00 AM] - Time Out: [5:00PM]

June 2022 – July 2022

CON 2013X- Total: 145hrs

Week 1

Day 1: Met with the senior site manager and the rest of the team. Walked around the site to get familiar with the Rubik project, a mixed-use building. Learned about site safety protocols, including PPE and access routes. Checked daily schedule and shadowed senior PM on basic task allocation.

Day 2: Attended my first site meeting with contractors and engineers. Listened to discussions on structural work and how they're handling delays due to weather. Took notes on how progress is tracked and managed using Gantt charts and weekly reports.

Day 3: Observed concrete pouring for a portion of the building slab. Had a chance to learn how the quality of concrete is tested (slump tests). Asked questions about concrete curing and its importance for structural integrity.

Day 4: Helped coordinate between different contractors on site, specifically between electrical and plumbing teams. Noted communication issues that sometimes slow down progress and made suggestions on how to streamline it.

Day 5: Oversaw the delivery of building materials (steel beams, rebar, and concrete mixes). Assisted with checking quantities against the order sheet. Discussed with the senior PM how late deliveries affect the project timeline.

Week 2

Day 6: Site Safety Audit Participated in a safety audit with the safety officer. Reviewed safety compliance for scaffolding and worker PPE. Highlighted areas needing improvement and wrote a short report to submit to the site supervisor.

Day 7: Observed the surveyors setting out the foundations for the new section. Got an overview of how Total Stations work and the importance of accuracy during this phase.

Day 8: Spent the day learning about formwork installation for the next floor slab. Assisted in double-checking rebar placement and ensuring it complied with the structural drawings.

Day 9: The senior PM showed me how to update the weekly schedule. Practiced delegating tasks to subcontractors based on priority areas for the next day.

Day 10: Helped compile the weekly site report. Focused on documenting progress, key challenges (like weather delays), and upcoming milestones.

Week 3

Day 11: Assisted in preparing the site for the client/ shareholders visit. Walked through the site with the senior PM to ensure key sections were clean and presentable.

Day 12: Observed the client's tour of the project. Noticed how the senior PM addressed the client's concerns about timelines and potential delays.

Day 13: Spent time with the finishing team to understand quality control checks on concrete curing. Monitored and verified alignments as per drawings.

Day 14: Assisted the PM with reviewing a change order for additional electrical conduits. Learned about the impact of changes on the budget and schedule.

Day 15: Attended a coordination meeting with engineers and subcontractors to review the next two-week look-ahead schedule. Took minutes and prepared a summary for distribution to the team.

Week 4

Day 16: Observed the installation of steel columns and beams for the framework. Learned how to interpret structural drawings for the steel.

Day 17: Helped plan the next large concrete pour. Worked with the senior PM to schedule the pour around other activities to avoid conflicts.

Day 18: Weather Delays Rain caused delays to outdoor work; the team shifted focus to internal works. Updated the schedule to account for lost time.

Day 19: Spent time with the civil engineers to understand how site drainage is managed during construction. Observed the installation of stormwater pipes.

Day 20: Discussed site waste management with the senior PM.

Assisted in setting up more organized waste separation bins for recycling.

Week 5

Day 21: The municipality came for a routine inspection. I Observed how the senior PM prepared documentation and addressed compliance issues.

Day 22: Spent time with the electrical contractor reviewing the installation of conduit and cabling for the building. Learned about the electrical layout and coordination with other services.

Day 23: Senior PM taught me how to review and interpret architectural and structural drawings in detail. Cross-checked drawings with the work done on-site to identify discrepancies.

Day 24: Observed the installation of fire suppression systems. Asked about the local fire safety regulations and how they're integrated into the design.

Day 25: Assisted with planning the delivery of materials for the coming week.

Coordinated with suppliers to ensure deliveries didn't clash with critical on-site activities.

Day 26: I did a quality inspection. Conducted a walkthrough with the site engineer to check the quality of masonry work. Noted defects and compiled a snag list for the contractor to fix.

Day 27: Helped oversee the concrete pouring process for columns. Ensured that the concrete met the specified strength and that the formwork was properly secured. Spent time with the crane operator, learning about the logistics of moving materials on site. Discussed safety measures required during crane lifts.

Day 28: Experienced some communication breakdown between the structural engineers. Helped mediate and create a clearer plan for moving forward.

Day 29: Assisted with managing the subcontractors for interior finishes.

Learned how to balance keeping them on schedule while ensuring quality wasn't compromised.