

CAPABILITY STATEMENT

# Prajwal Karki

CivilEngineer-Stormwater&DrainageDrafting · Remote

Prajwal Karki is a Civil Engineer with demonstrated experience delivering stormwater drainage design and AutoCAD civil drafting for Australian engineering projects. Working remotely from Kathmandu, Nepal, he operates as a fully embedded production resource — handling up to 3-4 jobs per day, Monday to Friday, with 8 hours of output delivered daily to Australian standards.

*With hands-on experience across client template files, layer standards, detail blocks, text styles, and plot manager configurations, integration into an existing firm workflow requires no additional training or onboarding time.*

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**LOCATION**

Kathmandu, Nepal

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**QUALIFICATION**

B.E.CivilEngineering

**REGISTRATION**

NECRegistered — Category A

**AVAILABILITY**

Mon–Fri,available now

## OPERATIONAL PROCESS

# Workflow & Delivery

The following outlines the standard daily workflow:

01	<b>Job Allocation &amp; Logging</b> Client sends 5-6 jobs each morning with job descriptions. Each job is logged into the project monitoring Excel sheet — job name, type, and scope.
02	<b>Priority Assessment &amp; Time Planning</b> Client updates their Google Sheet with job priority and allocated hours per project. I cross-reference this and set my own time estimate for each job before starting.
03	<b>Production Drafting &amp; Technical Communication</b> I work through the jobs using the client's own template files, layer standards, text styles, detail blocks, and plot manager setup. Any technical questions go straight to the engineer via WhatsApp group — no delays, no guessing.
04	<b>File Delivery &amp; Progress Tracking</b> Completed files are returned to the client. Where all jobs cannot be finalised within the same day, a screenshot of the monitoring sheet is provided showing each job's scheduled completion date — today, tomorrow, or the following day — ordered by client priority. The client's Excel tracker is updated with job status and date sent upon completion.

## TECHNICAL INTEGRATION

# Seamless Integration Into Your Firm

Each engineering firm operates with its own drawing standards, CAD configuration, and project documentation requirements. Having worked across multiple Australian clients — each with distinct setups — adapting to a new firm's standards is a straightforward process. Provide the template file, layer guide, and a reference drawing, and production-standard output will be delivered from the first job.

- Client-supplied AutoCAD template files — used from the start, no reformatting
- Layer naming conventions followed exactly as per firm standard
- Text styles, heights, and fonts matched to your drawing standard
- Detail blocks placed correctly — right block, right floor level, right context
- Plot manager and print styles set up per your requirements
- Ground floor details: rainwater tanks, grated drains, steel/iron grates, trash screens
- First floor details: eaves gutters, box gutters, rainwater outlets

– Approval pathway awareness — DA, CDC, and CC drawings handled appropriately

## SCOPE OF WORK

# Project Types Handled

The following project types form the core of daily production output, illustrated with representative client briefs:

01

### **New Stormwater Design**

*Client: "This is a new proposed residential development, please clean and design stormwater plan for CDC"*

Start from a clean architectural base plan. Design full stormwater drainage to the correct approval pathway (DA, CDC, or CC). Apply the right details, levels, and layout to the firm's standard template.

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02

### **Alteration & Revision**

*Client: "We have an updated architectural plan, please clean and update the stormwater accordingly, cloud any changes, make Rev 02"*

Receive an updated architectural plan. Update the stormwater drainage to match. Cloud all changes so the engineer can see exactly what moved. Increment the revision in the title block. Log Rev 02 in the tracker.

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03

### **Markup Update**

*Client: "Update according to markups"*

Engineer has reviewed and marked up the drawing with redlines. Every markup is actioned accurately. File returned clean and updated, ready for the next step.

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## DRAWING FINALISATION

# Layout Review & Approval Pathway Compliance

Prior to finalising each drawing, the required details are confirmed for the specific floor level and approval pathway — in accordance with the firm's own layout standard. Detail selection is informed by approval type (DA, CDC, or CC) and floor level, ensuring only relevant details are included.

On completion, the client's Excel tracker is updated with job status and date sent. All jobs are logged and closed off in accordance with the client's project management process.

WORK SAMPLES

# Drawing Samples

The following samples are drawn from actual project work. Client and project details have been removed for confidentiality. Outputs are shown in monochrome print format — full layer colours, line weights, and plot styles are retained in the source AutoCAD files.

## 01 — Cleaning Architectural Plan

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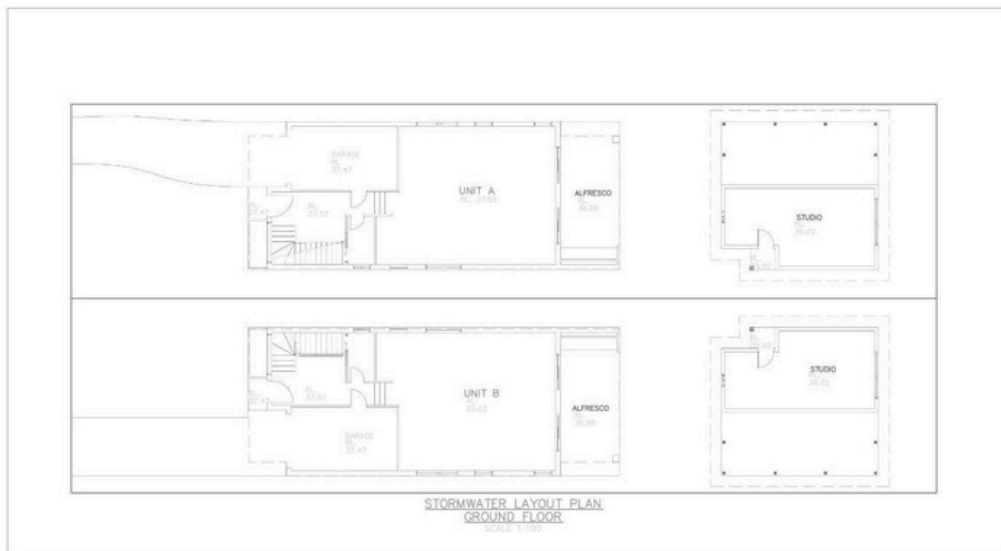


Figure 1 Cleaning Ground floor Plan

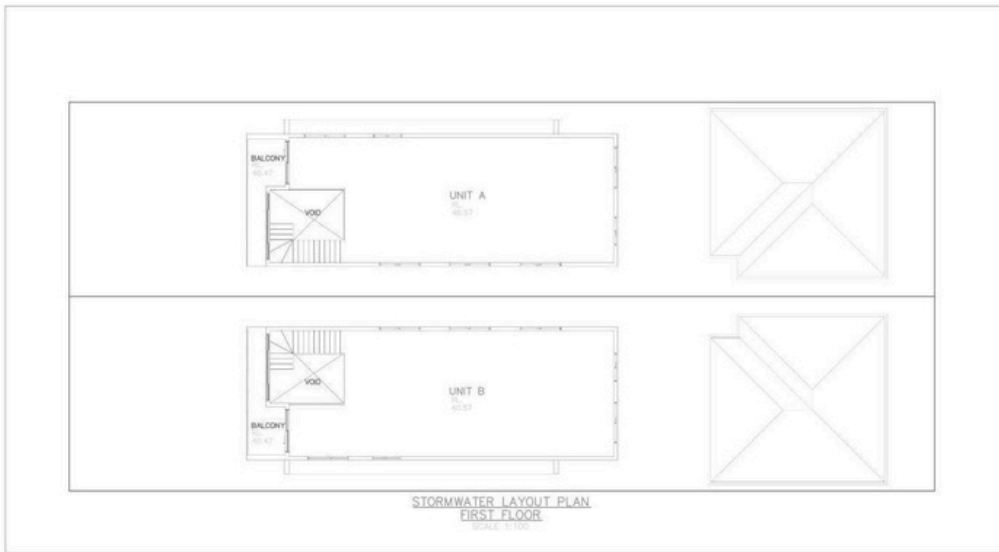


Figure 2 Cleaning First floor Plan

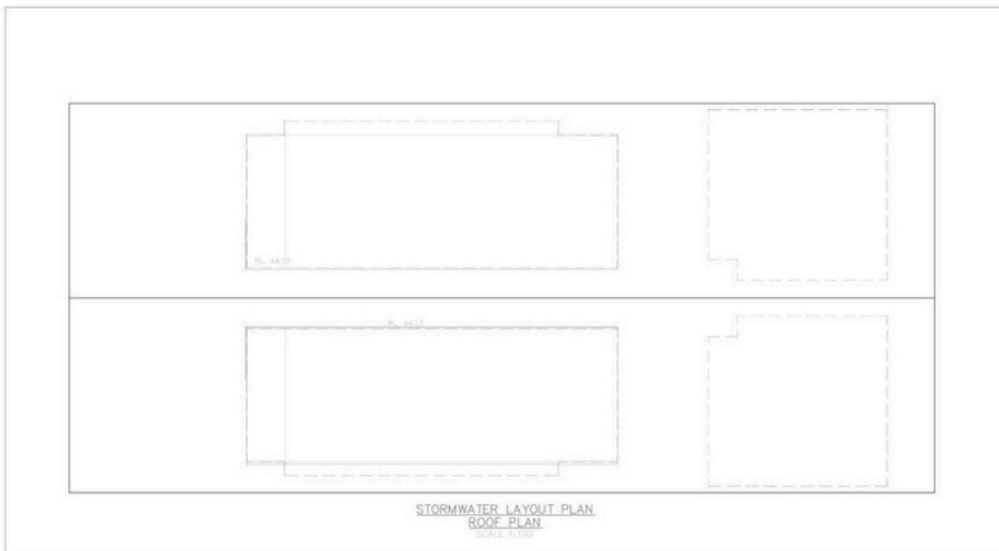


Figure 3 Cleaning Roof Level

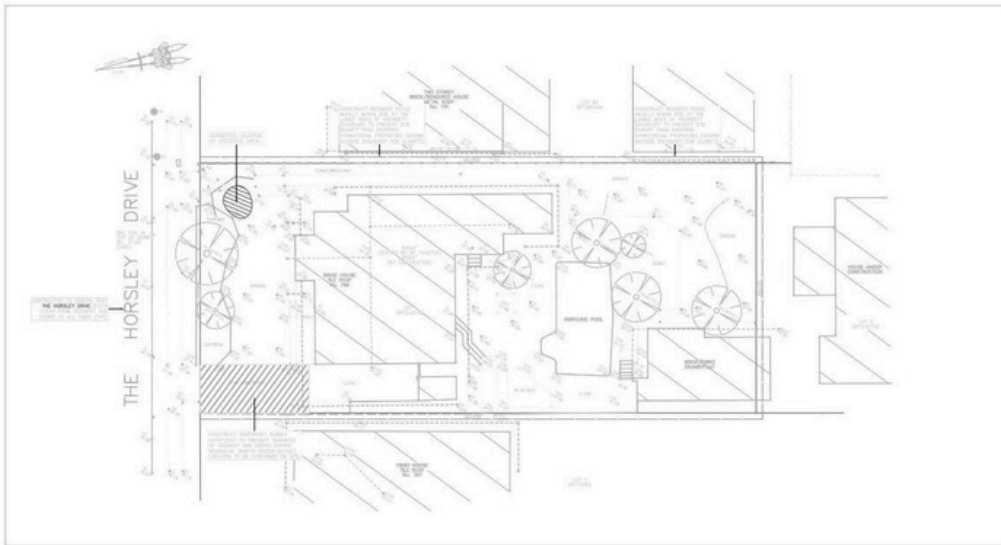


Figure 4 Erosion Control Plan (ESCP)

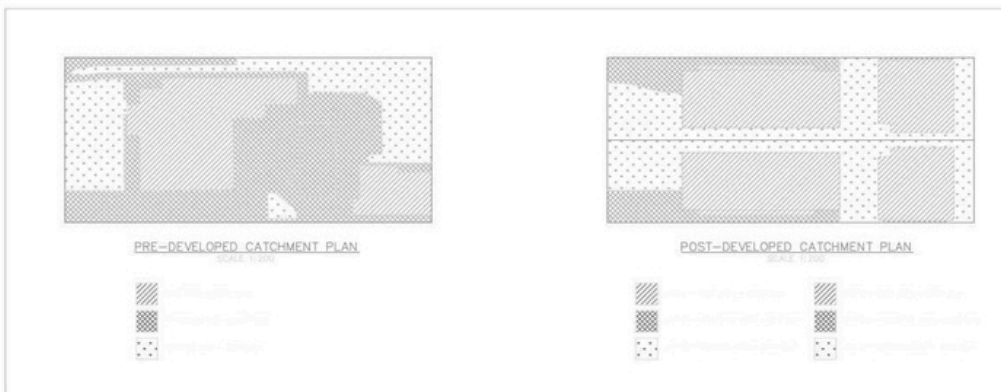


Figure 5 Pre and Post Development Catchment Plan

## 02 — Stormwater Design And OSD Plan/ Section

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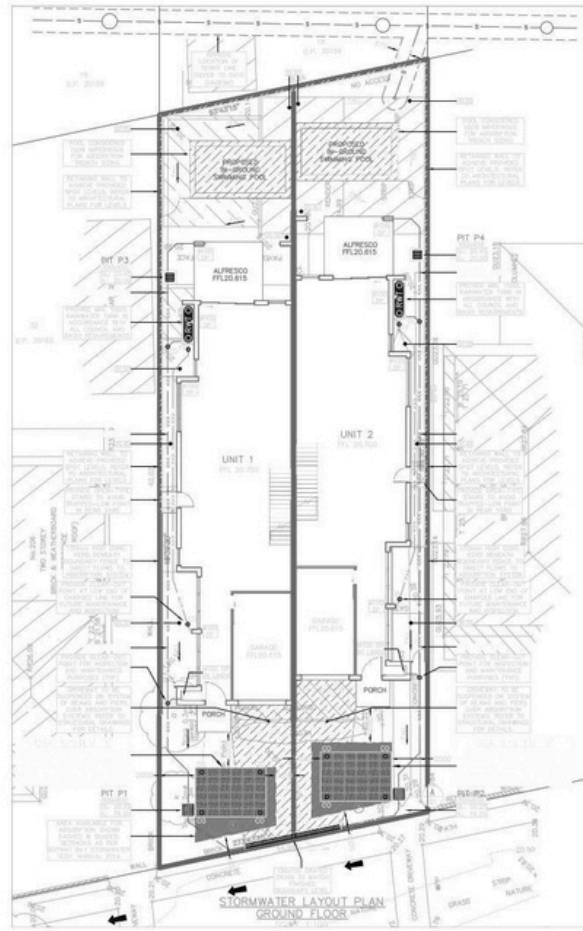


Figure 7 Ground floor Design

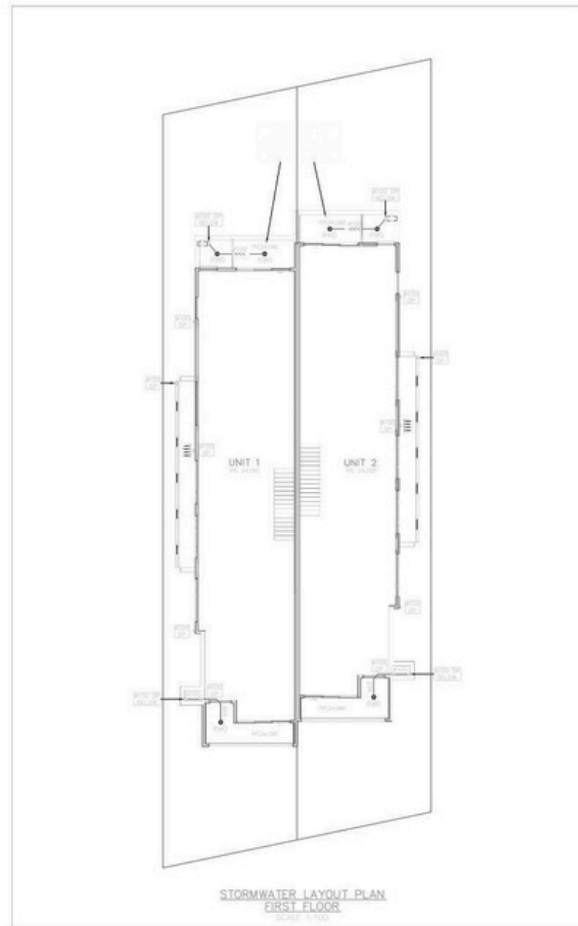


Figure 8 First floor Design

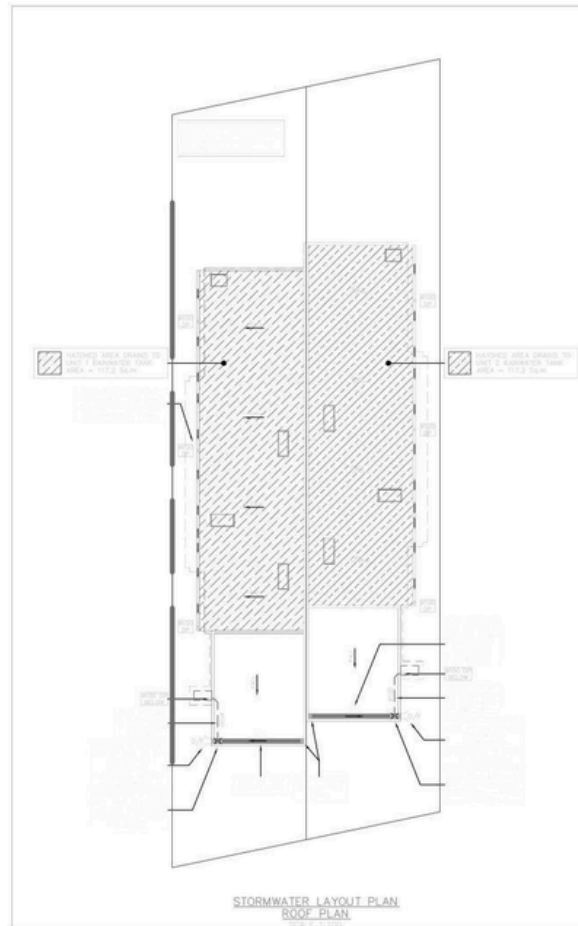


Figure 9 Roof floor Design

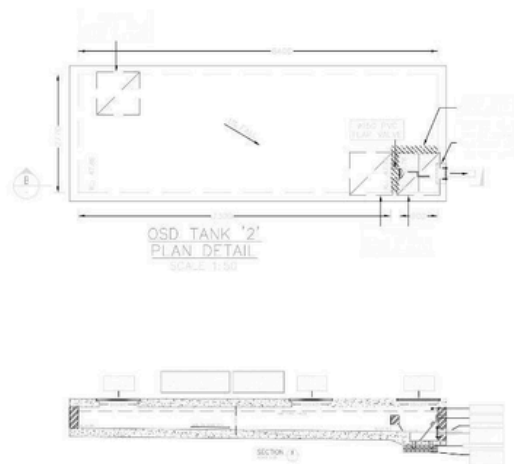


Figure 10 OSD Plan and Section

## ENGAGEMENT

# Engagement & Terms

To initiate engagement, provide project files and a brief scope description. Turnaround time will be confirmed prior to commencement of any work.

<b>Engagement</b>	Per-project (fixed scope) or ongoing retainer arrangement
<b>Daily output</b>	8 hours of productive output delivered Monday to Friday
<b>Turnaround</b>	24–48 hours for standard residential projects; complex jobs by prior agreement
<b>File formats</b>	AutoCAD .dwg / .dxf; PDF markups accepted for revision instructions
<b>Communication</b>	WhatsApp, email, or video call — communication channel to suit your team
<b>Onboarding</b>	Provide template file, layer guide, and reference drawing — drawing standard will be matched from commencement
<b>Test task</b>	A sample task can be completed prior to any formal engagement, upon request

## Get in Touch

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