

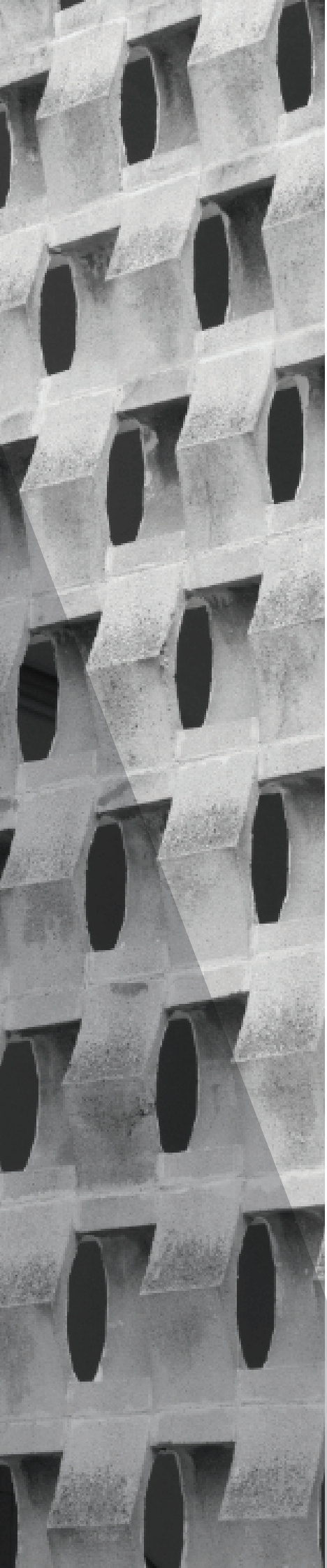
PRO-CAST

Solid Foundations,
Strong Futures.

PRECAST CONCRETE SOLUTIONS

WASH THROUGH

MS
SIRIM



INTRODUCTION

Precast Wheel Wash Trough is a reinforced concrete modular system designed to clean mud and debris from construction vehicle tyres before they leave the site. Built for strength, durability, and repeated use, it helps reduce road contamination while improving site cleanliness and housekeeping.

INSTALLATION & METHOD

The wheel wash trough is installed by preparing a stable foundation, positioning the precast modular units, connecting each section, and installing the removable gratings before completing the surrounding works.

Installation sequence:

- Set the required location, alignment, and finished level.
- Excavate the installation area to the approved depth.
- Prepare a firm and compacted foundation base.
- Lift and position each precast unit using suitable machinery.
- Align and connect the modular sections securely.
- Install the removable gratings over the trough.
- Check the overall level, stability, and vehicle access.
- Complete the surrounding pavement, finishing, and inspection works.

ADVANTAGES

- Faster installation using precast modular units.
- Reusable and relocatable for multiple project sites.
- Durable reinforced concrete structure suitable for heavy construction vehicle traffic.
- Removable gratings allow quick access for cleaning and maintenance.
- Helps reduce mud and dirt carried onto public roads.
- Improves overall site cleanliness and housekeeping.
- Manufactured using concrete with a compressive strength of 30 N/mm².
- Reinforcement steel has a yield strength of 500 N/mm².

APPLICATION

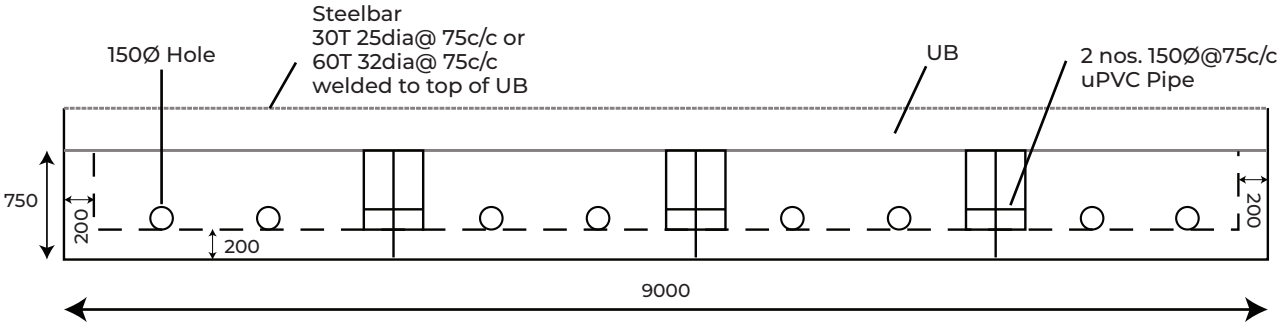
The Precast Wheel Wash Trough is suitable for the following applications:

- Construction site entrances and exits
- Road and highway construction projects
- Infrastructure development sites
- Industrial plants and heavy vehicle yards
- Quarry and mining operations
- Earthwork and land development projects
- Temporary or relocatable construction sites

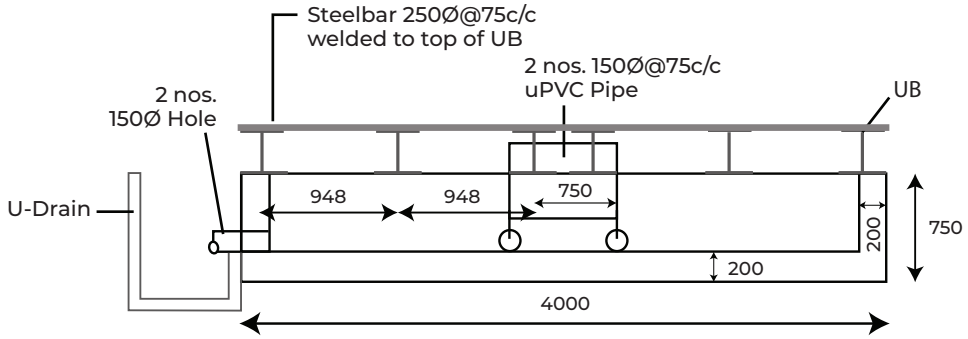
Type & Sizes

W (mm)	Length (mm)	H (mm)	t1 (mm)
2250	4000	750	200

A-A CROSS-SECTION VIEW

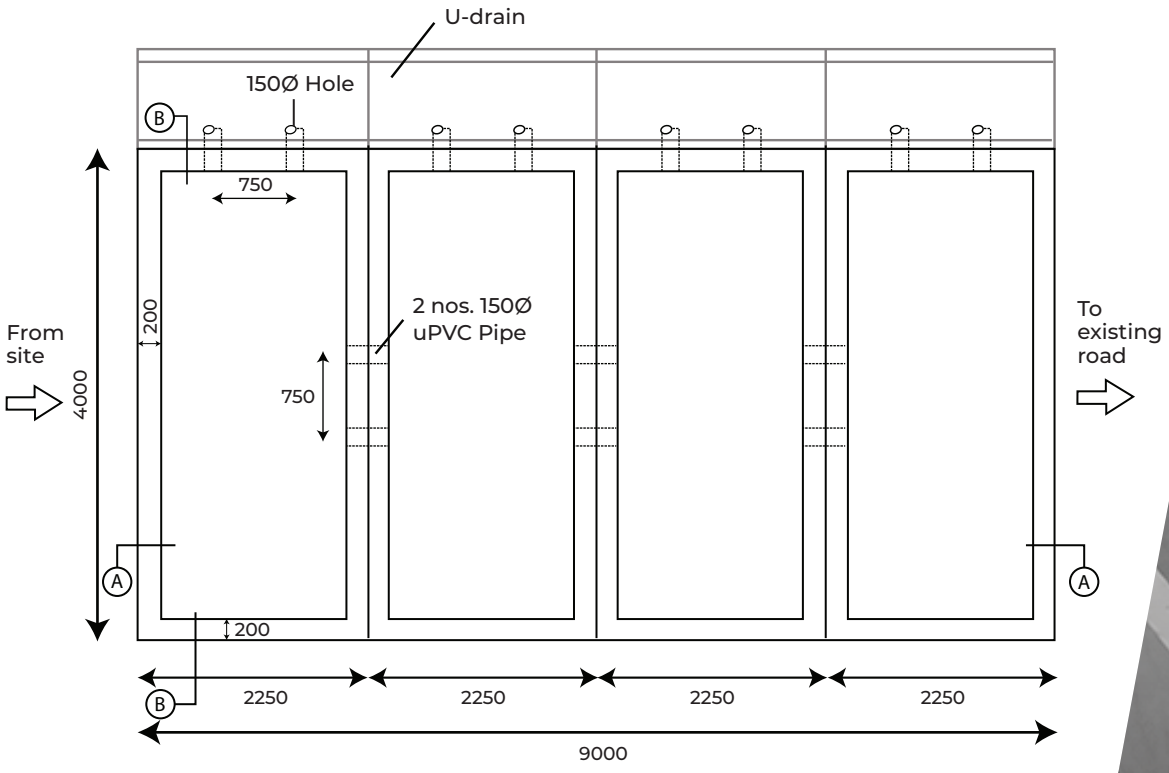


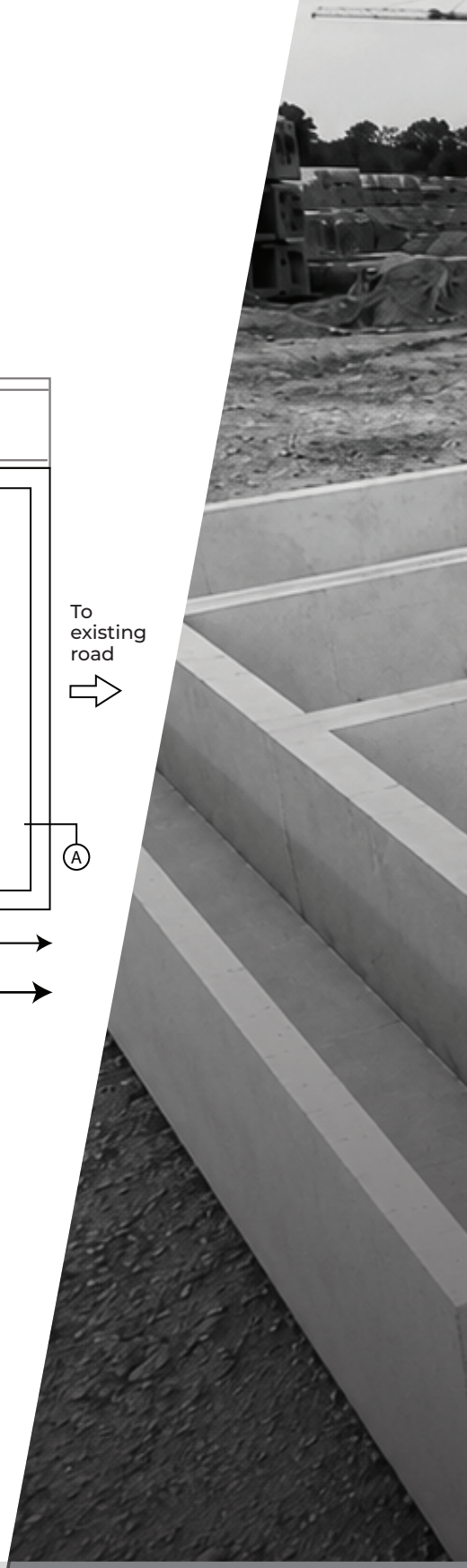
B-B CROSS-SECTION VIEW



DETAIL

PLAN VIEW





PRO-CAST

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