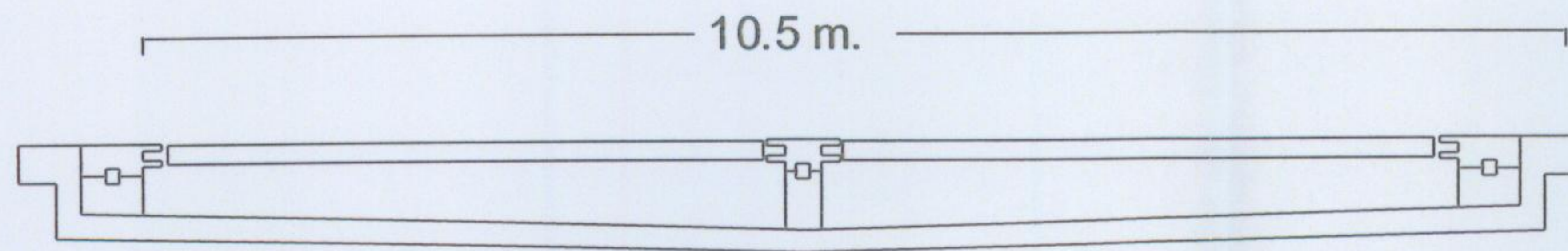


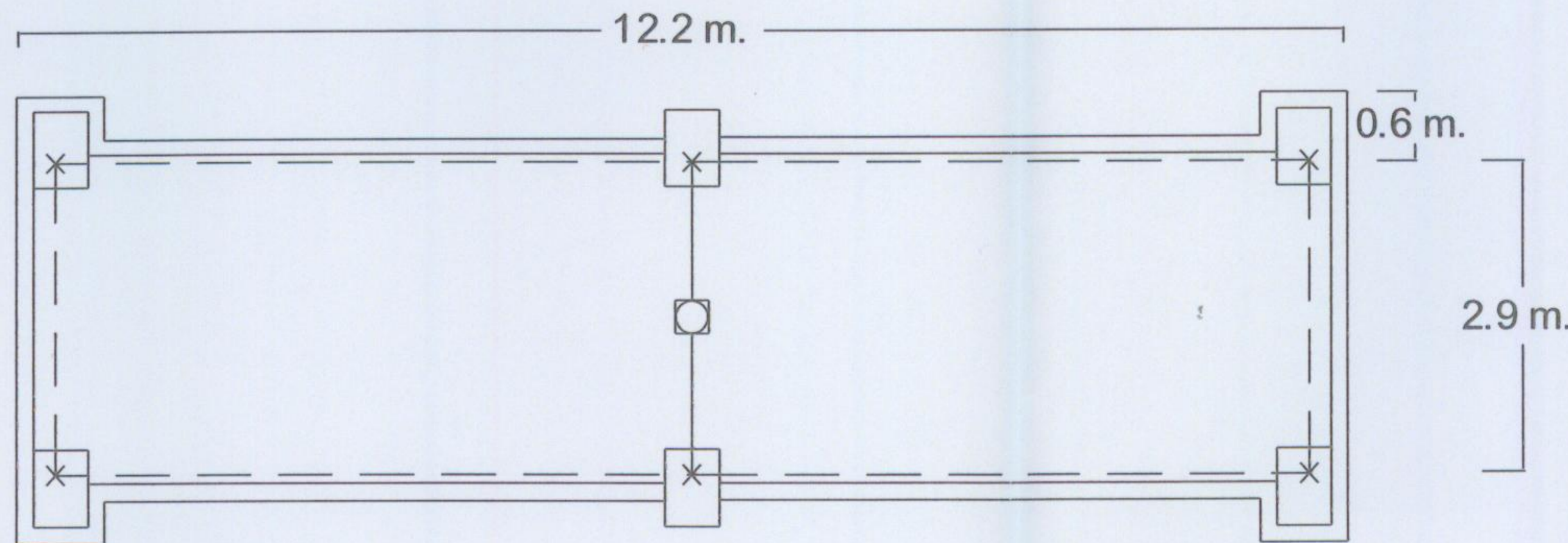
**APPENDIX 2A**

**WHEELWASH AND WEIGHBRIDGE DETAILS**

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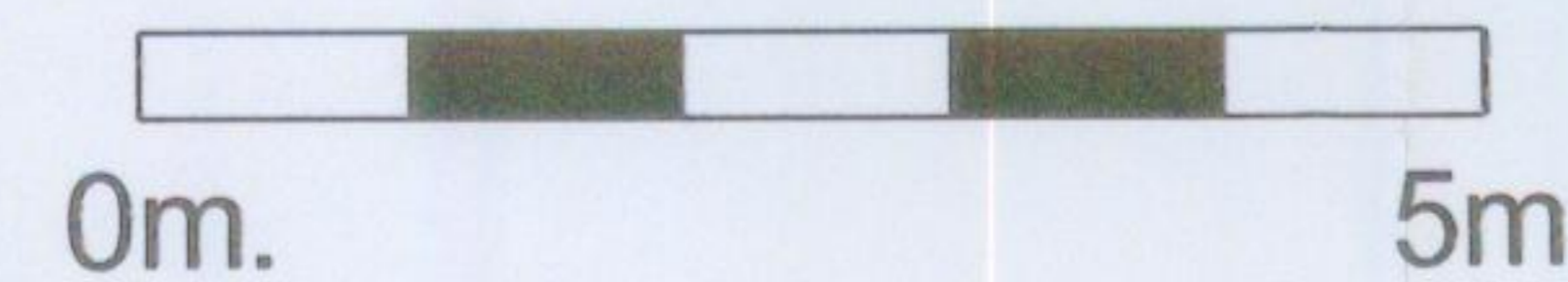


Side Elevation



Plan

Scale 1:75



Notes

Ref.No.	Date	Amendments	By	Chk'd

CLIENT:  
Roadstone Dublin Ltd  
SITE:  
Lands at Blessington, Co. Wicklow.  
TITLE:  
Weighbridge

**JBA** John Barnett & Associates  
CHARTERED MINERALS SURVEYORS,  
MINERALS, ENVIRONMENTAL &  
GEOTECHNICAL CONSULTANTS.  
CSA House, 6 & 7 Dundrum Business Park,  
Windy Arbour, Dublin 14, Ireland.  
PH: (353) 1 296 4667  
FAX: (353) 1 296 4676

Scale:	1:75	Datum:	
Date:	April 2004		
Author:	TP/TF	Drawing No.:	JBA2901_10
Drawn by:	TF	Ref:	App. 2A

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# Clean up your operation with

# MUDBLASTER

**High Pressure Drive  
Thru Wheel Wash**

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**Transportable or  
Fixed Installation**

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**No Civil Engineering  
Work Required**

---

**Fully Automatic  
Operation**

---

**Dirty Water Recycling  
for Maximum Efficiency**

---



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The Mudblaster wheel wash system has been extensively developed to meet the needs of operators currently under pressure from legislation regarding dirt and contamination on truck wheels entering onto or working on public highways.

With this pressure increasing from authorities to maintain clean and safe highways, MUDBLASTER is the solution.



The machine operates with a series of jets washing the tyre treads, the inside and outside tyre walls as well as the underside of the truck chassis removing all mud and debris so leaving a safe and dirt free vehicle.

Simplicity in operation is the key. As the truck drives up to the entry ramps a sonic proximity sensor activates the main wash pump which runs on a preset timed cycle as the vehicle proceeds through the wash at low speed. At the end of the wash cycle a flush cycle is initiated which directs all contamination particles through a central drainage trough to a submersible dirty water pump which in turn pumps to a vertical upward flow clarifier. All solid particles settle in the bottom section of the clarifier and the water is clarified by gentle upward flow through the clarifier before overflowing back to the main header tank. The clarifier is fitted with an automatic dump valve which is set to dump the settled solids to a small lagoon at regular intervals throughout the period of operation of the washer. The lagoon is emptied as required.

The entire machine is fabricated from heavy gauge steel sections and plate resulting in a heavy duty piece of equipment, built to last. All fabrication is guaranteed for a period of five years.

The machine is fully automatic and requires minimal maintenance. Installation is simple and can be completed in one day. All that is required is a hardcore base, a small lagoon for clarifier waste, a 1" water supply and a 100 amp 3 phase power supply.

# Specification:

## Washer

Washer Length:	6.0 metres
Washer Internal Width:	3.2 metres
Washer Weight: (including internal ramps)	7.7 tonnes
External Ramp Lengths:	6.0 metres
External Ramp widths:	1.2 metres
External Ramp weights: (each)	1.3 tonnes
Header tank volume:	9,000 litres
Clarifier Volume:	6,300 litres

## Pump System

Main Pump:	Multistage, 22kw operating at 7 bar
Recycle Pump:	Submersible 2.0kw
Wash Nozzles:	1/4" Brass. 82 off
Control Kiosk:	Mild steel, lockable with heater for frost protection

## Electrical Control

Power supply:	400V, 3ph
Vehicle sensor:	Sonic Proximity Sensor
Electrical operation:	Fully automatic PLC Control

## Recycling

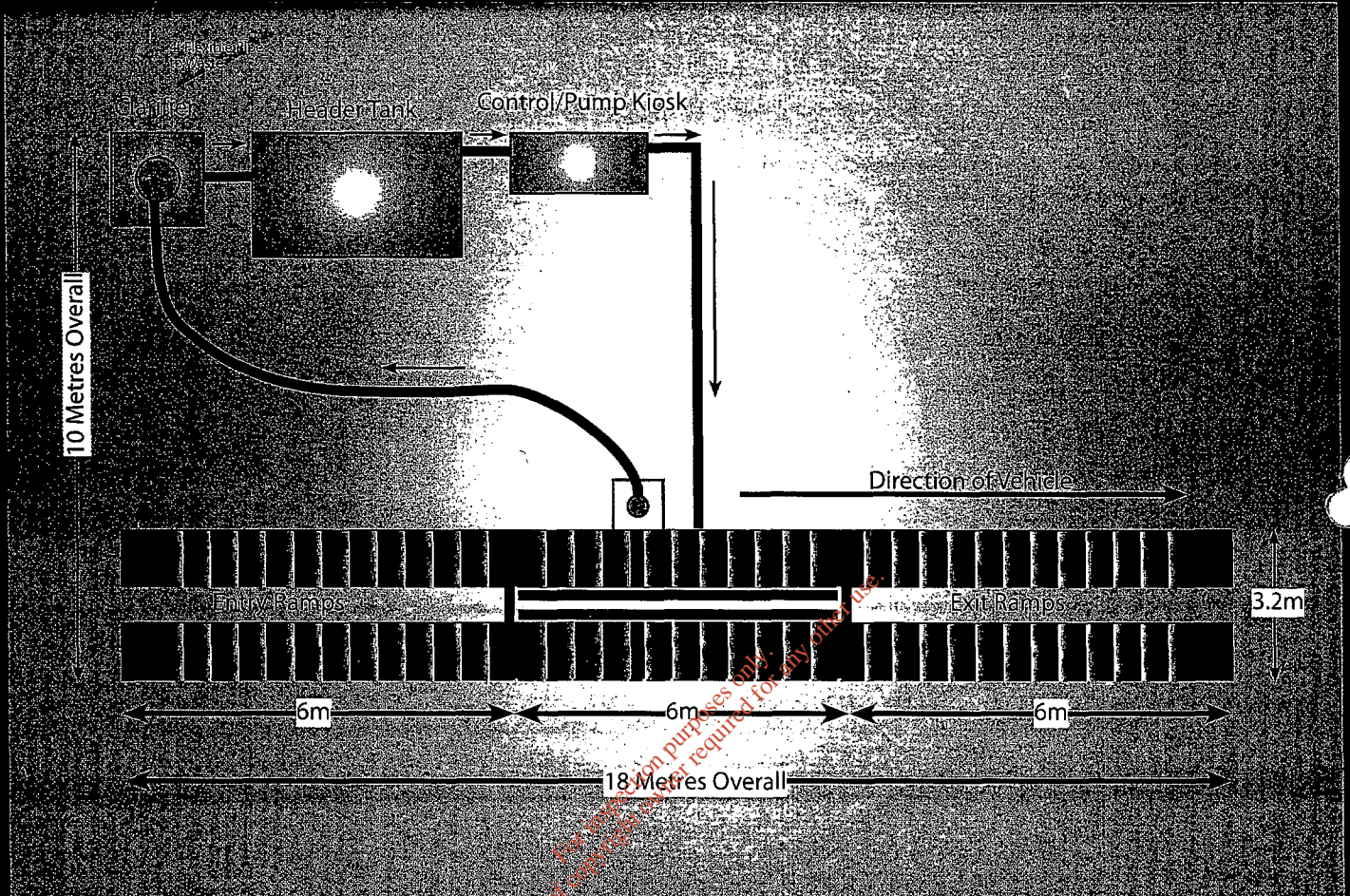
Solids Separation:	Vertical Clarifier with overflow to header tank and underflow to waste.
Waste Management:	Automatic waste dumping from Clarifier

# MURBASTER MURBASTER

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# MUDBLASTER



Contact:

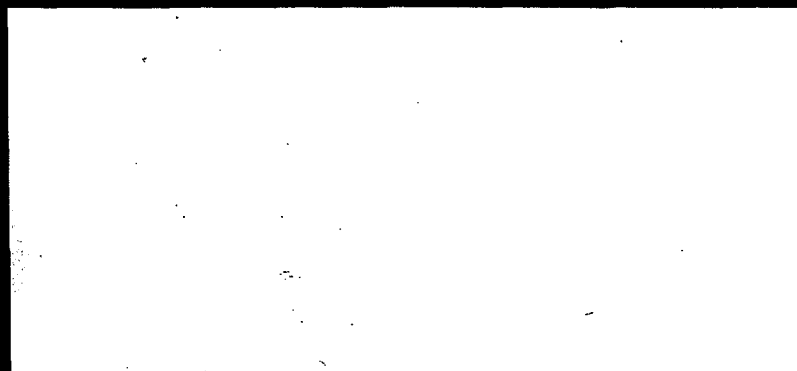
# MUDBLASTER

Mountpanther, Clough, Downpatrick, Co. Down, N. Ireland

**Tel: 028 44 811601**

Fax: 028 44 811719

Dealer:



# **Mudblaster**

## **Wheel Washing Systems**

Mountpanther  
Clough  
Downpatrick  
Co. Down  
N. Ireland  
BT30 8SJ

Tel: 028-44 811306

Fax: 028-44 811719

E-mail: [info@mudblaster.co.uk](mailto:info@mudblaster.co.uk)

Mobile: 0788 7988 991

**Mark Prendergast  
Project Manager  
Huntstown Aggregate Plant Project  
Roadstone Dublin  
Huntstown  
Dublin 11**

23 November 2004

Dear Mark,

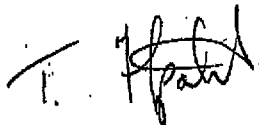
I refer to your recent enquiry regarding Mudblaster Wheel Washing Equipment.

The standard Mudblaster wash unit has a wash deck which is 3.2 metres wide and 6.0 metres long. This size of unit is normally suitable for road going tipper and articulated trucks. We can, however, build a wash deck of any size to suit specific vehicles. For example, we manufactured and supplied a machine to South Dublin County Council at Arthurstown Landfill Site at Kill which had a 6 metre long by 3.8 metre wide wash deck. We also supplied a machine to Lagan Cement at Kinnegad which was 7.2 metres long and 4.05 metres wide. This was designed specifically to wash the wheels of 40 tonne Volvo dump trucks.

If we know exactly the type of vehicles which would be expected to use the wheel wash we would be happy to design a suitable machine specifically for the job.

If you need any further information please do not hesitate to call me at any time.

Best regards,



Terry Fitzpatrick