



Site process Description

Vehicles are prepared prior to painting, This includes a wash down and sanding/grinding. The dust from the sanding/grinding of painted/ filled areas of trailer bodywork is extracted and collected by dust extraction units that are vented internally. The dust collected from these units is placed in sealed bags and disposed offsite. There are six paint spray booths where paint is applied using High Volume Low Pressure (HVLP) spray guns and is subsequently dried in the booth. Air from each booth is extracted through a stack 3 metres above roof ridge height to the atmosphere. Each of the booths is used for respraying of trailers. Paint is prepared in the kitchen under extraction. There are two paint guns in each booth

The spray guns are cleaned after use in enclosed gun cleaning machines located in the paint mixing room. Both cleaning methods are under extraction.

Paint Kitchen Operations and Storage



Solvent Recycling

All waste solvent and paint will be recycled on site. For every litre of waste solvent that goes in to the recycler 0.7 litres will be recycled as clean solvent. The residue within the machine is contained within a heat proof bag which will then be disposed of by our chosen waste transfer company. The machine will be serviced every 6 months.



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Waste Tin Crusher

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All waste empty paint tins will be drained and dried and then crushed using a pneumatic can crusher before being put in to a purpose crushed tin skip. This will then be disposed of by our chosen waste transfer company. By crushing the paint tins this allows the skip to be properly utilised therefore minimising transport time and costs.



Paint Kitchen Extraction

The paint kitchen will have its own extraction unit extracting the whole kitchen. This will be controlled by an

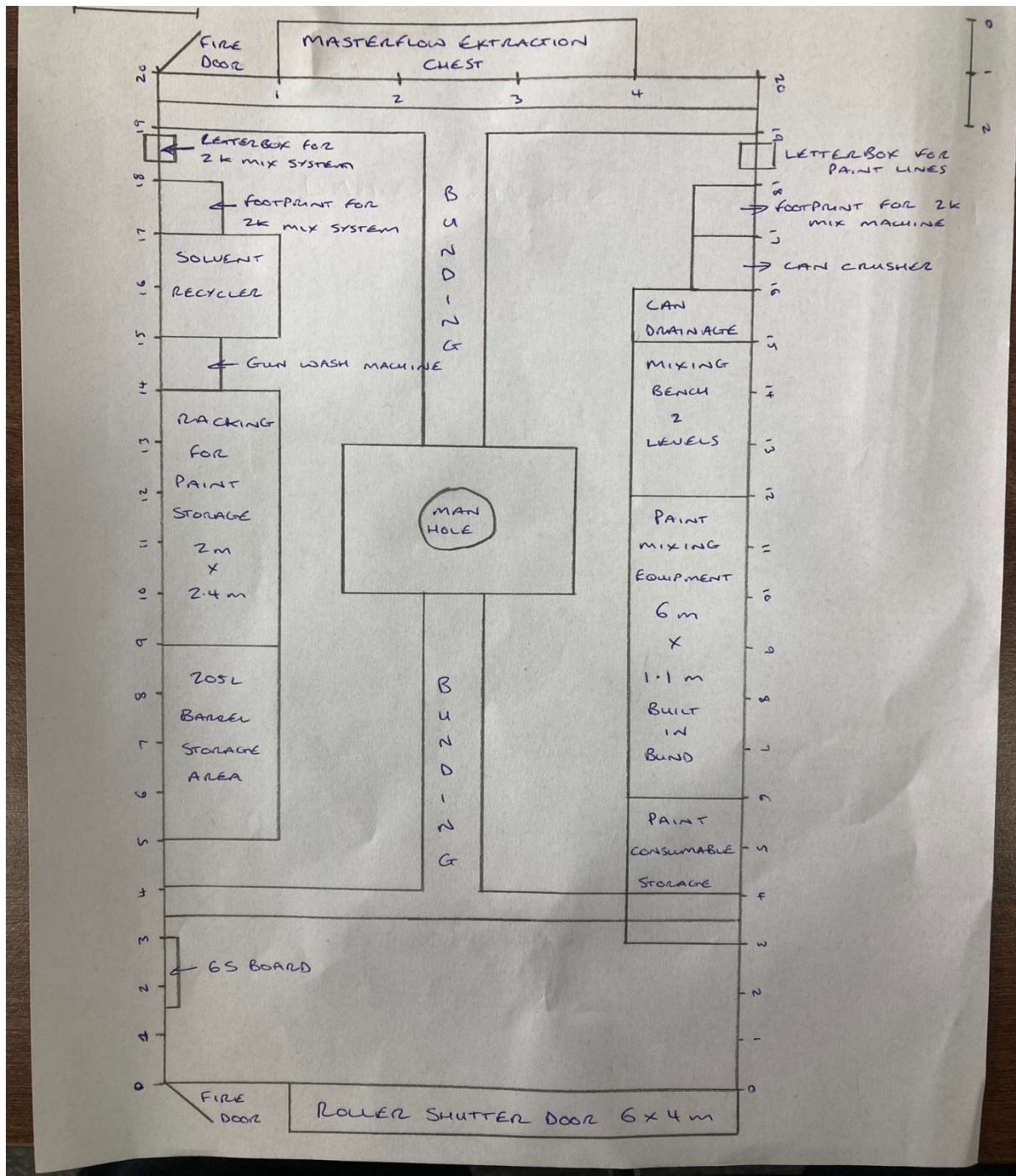


on off switch and will be located at the rear of the kitchen. The extraction unit will be serviced every 6 months and will have a maintenance schedule attached to it for filter changes. Daily checks will also be carried out.



Paint Kitchen Layout





Paint Kitchen Mixing Equipment



The paint kitchen will house a Wagner 2k Mix system, this will pre mix our paint products to all the correct compliant mix ratios. Each mix unit will have its own agitator to constantly keep the paint stirred. This equipment will also have a 6 monthly maintenance plan and daily checks attached to it. This set up has built in bunding.



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Paint Kitchen Dimensions

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The paint kitchen is 20 metres long by 5 metres wide, it has an apex roof.

The room has purpose designed bunding built within the concrete floor to contain any spillages, the floor has a gradual slope into the middle meaning any spillage can only run into the bunding.

One side of the paint kitchen will be racked out to store all of our paint products as well as consumable products.

