

VPS WALL BEST PRACTICE



VPS WALL



The VPS wall is a key factor to the success of an efficient and LEAN workshop
The wall is designed to ensure the PST's have access to all of the equipment by keeping waste to a minimum
As well as keeping waste to a minimum the wall is designed to make the workshop look aesthetically pleasing to the customers with a place for everything that is needed to complete the work

WORKSHOP BEFORE & AFTER VPS



Lighting Requirement average luminance of 750 – 1,000 lux at car bonnet level.

WORKSHOP BEFORE & AFTER VPS



Lighting Requirement average luminance of 750 – 1,000 lux at car bonnet level.

WORKSHOP BEFORE & AFTER VPS



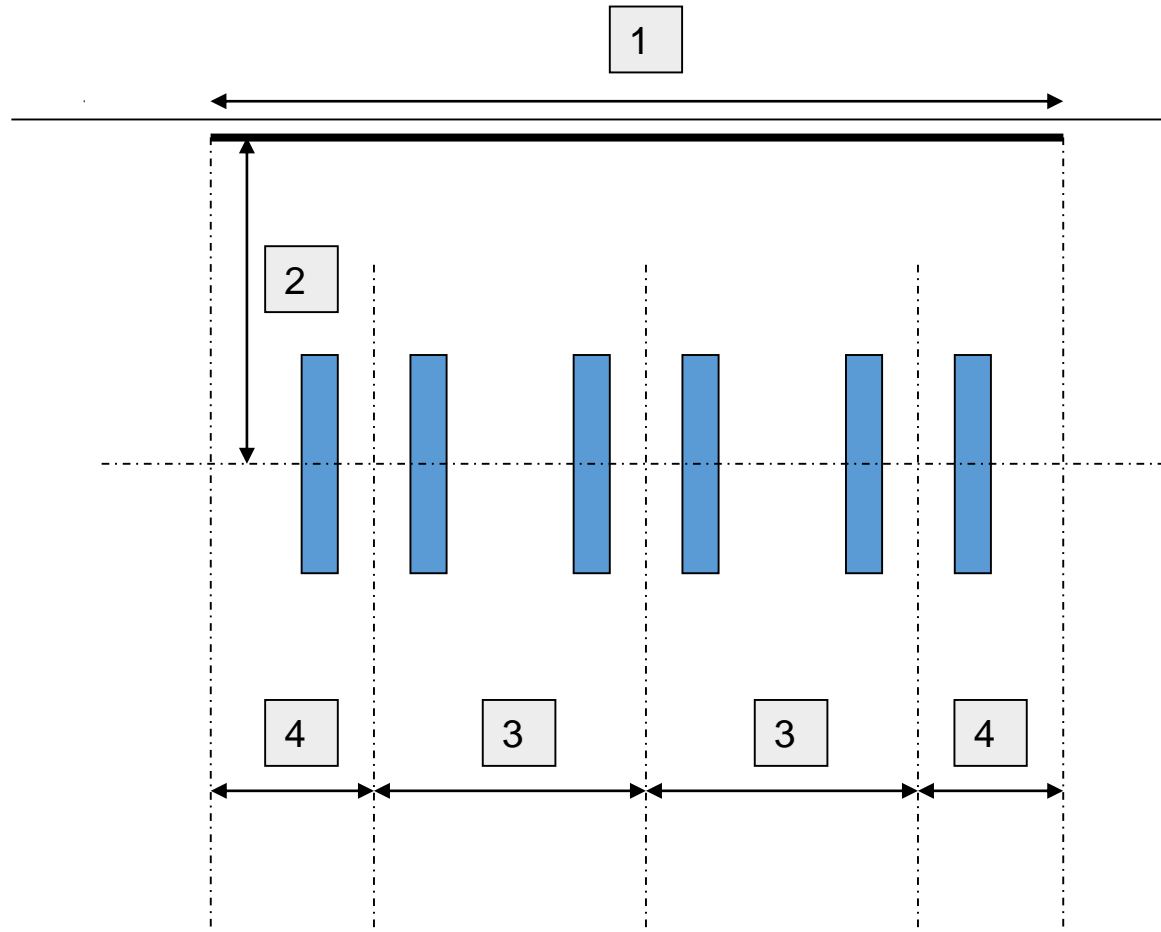
Lighting Requirement average luminance of 750 – 1,000 lux at car bonnet level.

WORKSHOP BEFORE & AFTER VPS



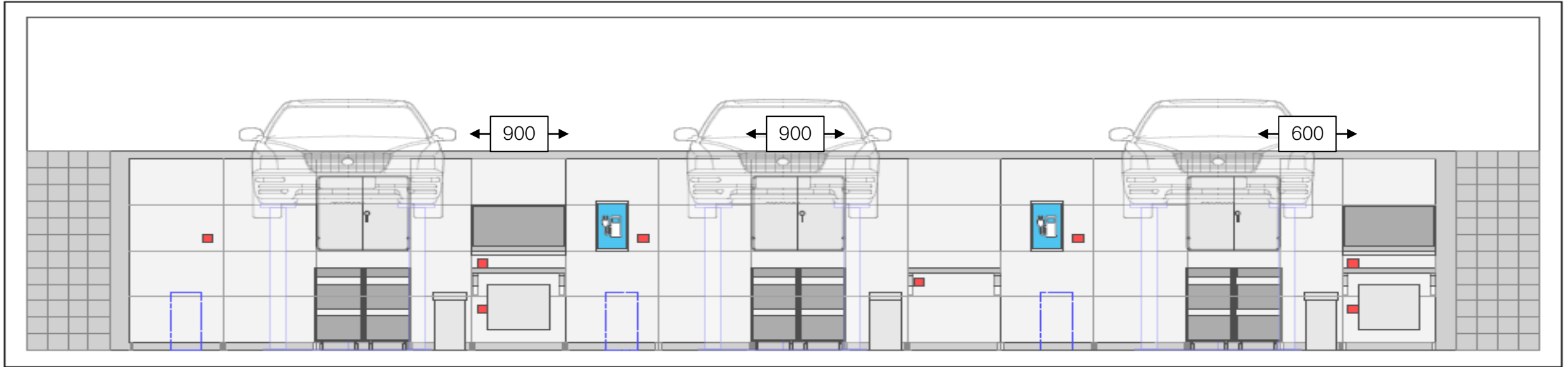
Lighting Requirement average luminance of 750 – 1,000 lux at car bonnet level.

VPS WALL PREPARATIONS



1. Total length of VPS-wall
2. Distance, centerline lifts to VPS-wall
3. Distance between lifts, centerline to centerline
4. Distance centerline lift to end of VPS-wall
5. Total number of tool cabinets
6. Total number of shelf's
7. Total number of computer storage
8. Total number of trolleys

VPS WALL AND WORKSHOP DESIGN KEY POINTS

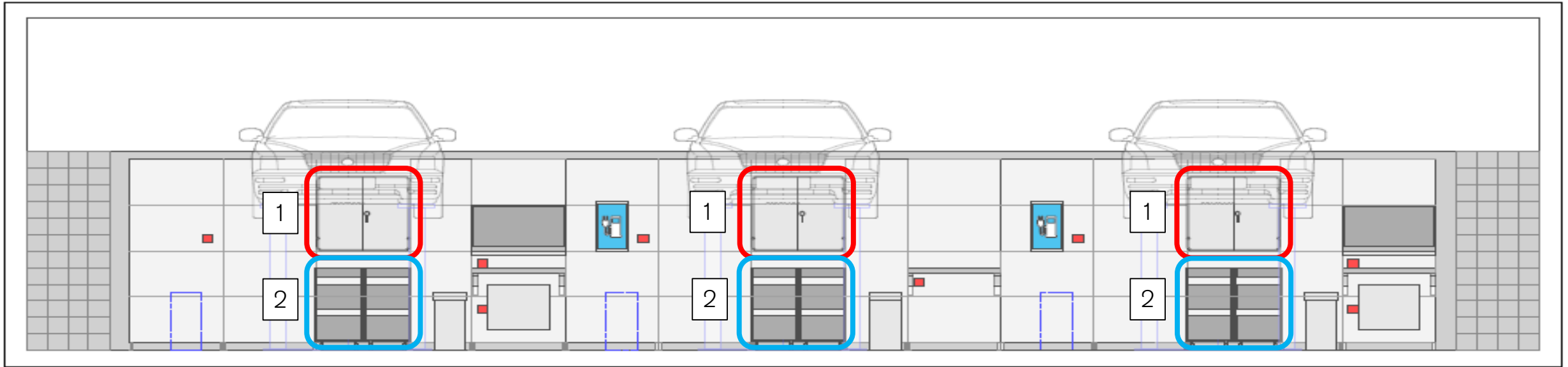


The VPS wall is a modular design concept

It is made up of panels that are either 300mm, 600mm or 900mm wide

Panels for the tool cabinets and shelf unit are 900mm wide

VPS WALL AND WORKSHOP DESIGN KEY POINTS



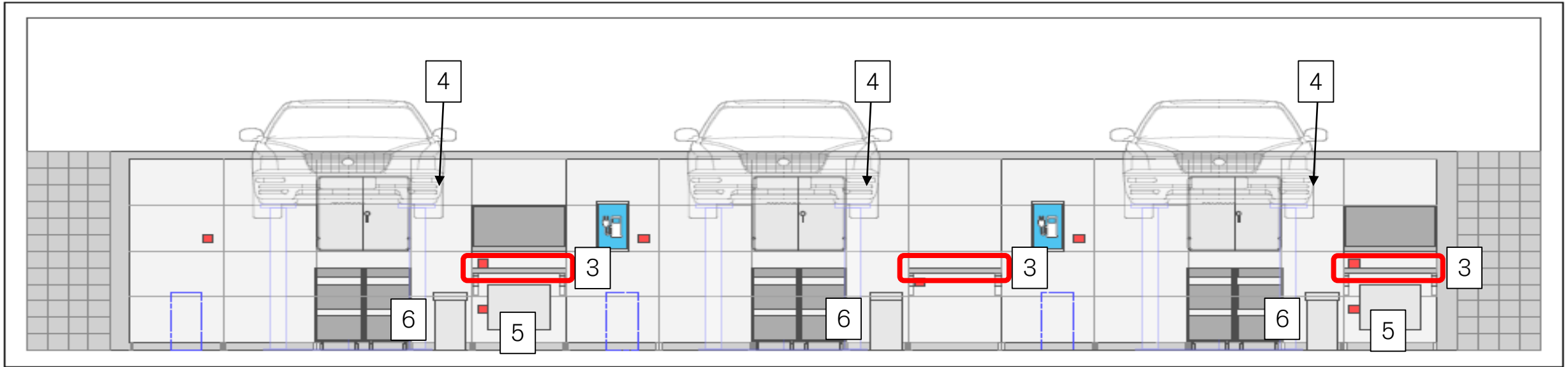
The next slides detail key aspects of the VPS wall design

1. Tool cabinets to be mounted as close to the centre line of the lift as possible

This ensures that PST's have an equal distance to walk while working on the vehicles, all tools are central to the working area

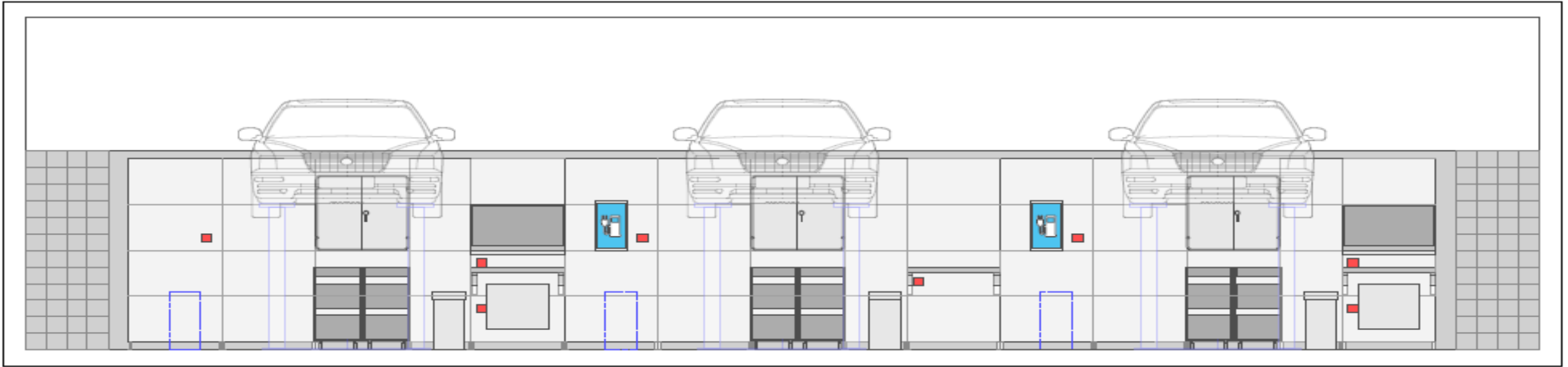
2. 2 VPS trolleys per bay, stored underneath the tool cabinet, both PST's have easy access to the trolleys

VPS WALL AND WORKSHOP DESIGN KEY POINTS



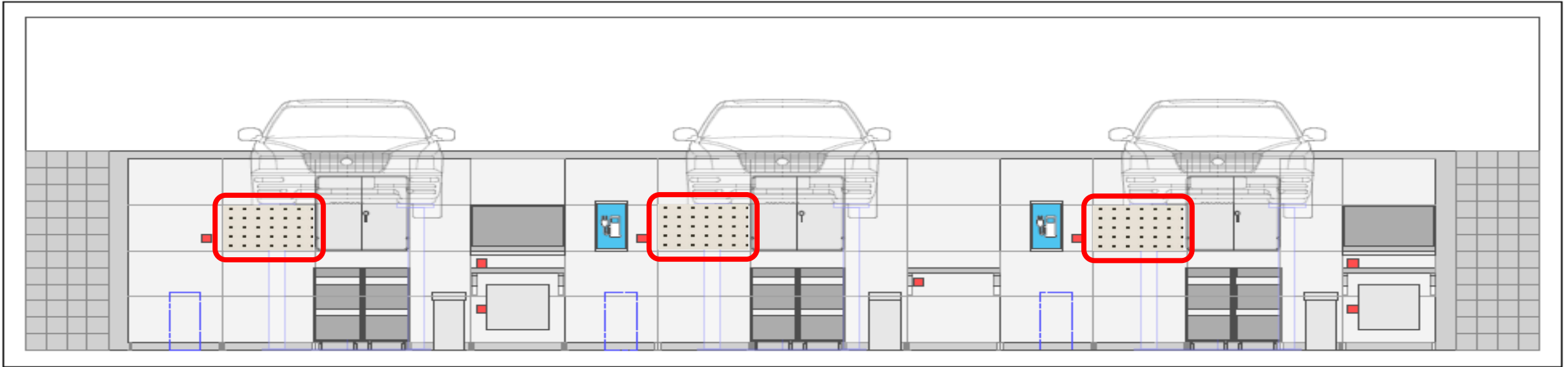
- 3. Shelf unit to be mounted to the right hand side of the tool cabinet (whenever possible*) RHD vehicles
- 4. Tool cabinet doors are 450mm wide, panel adjacent to the tool cabinet has to be a minimum of 600mm
This is to ensure that the cabinets doors can be fully opened without fowling the shelf unit
- 5. Dependant on VIDA will determine if a PC cabinet is required, not required if laptop is used
- 6. Waste paper bin to be mounted onto the wall, this can be mounted to any panel either to the left / right of the shelf

VPS WALL AND WORKSHOP DESIGN KEY POINTS



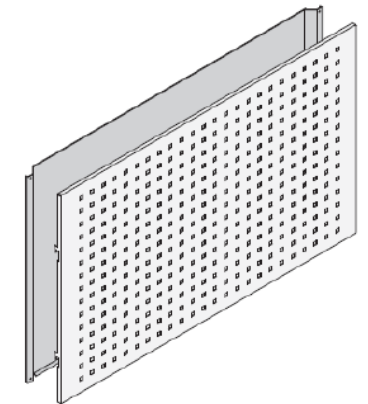
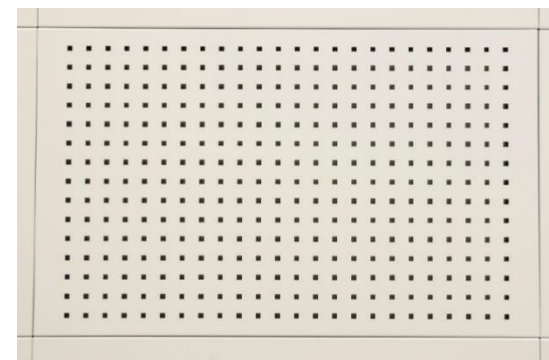
- 7. Flush mounted lift control panels
- 8. 2 double plug sockets, LAN & 2 phone lines per bay
- 9. Lift control unit fitted in VPS wall void where possible
- 10. Hybrid charge points 1 pod per 2 bays

VPS WALL AND WORKSHOP DESIGN KEY POINTS



Tool boards if req (fitted in 900mm panel with support panel)
For mounting of commonly used special tools keeping them
close to work bays

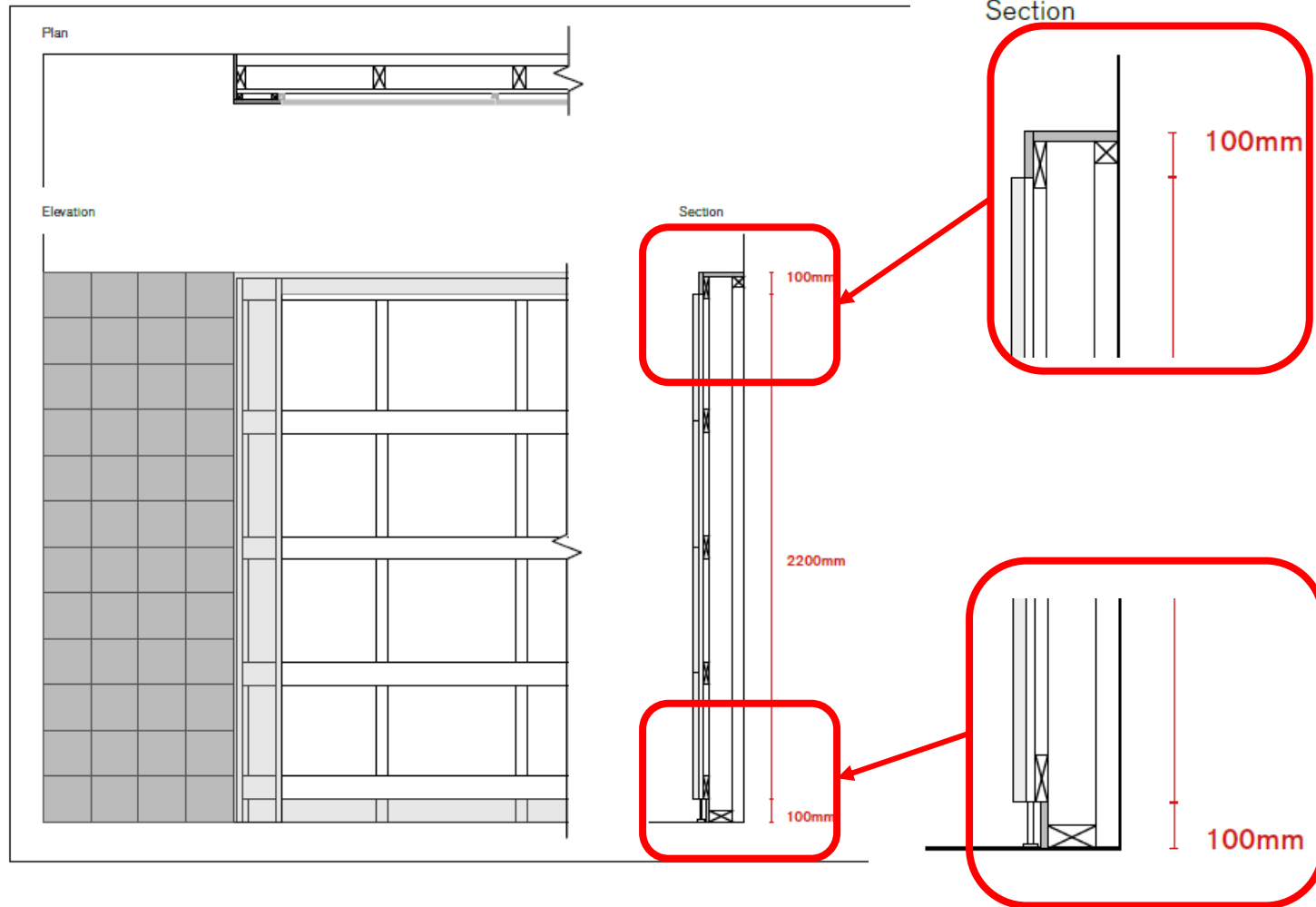
As the VPS wall will be in view of customers the VPS wall
should be designed to be aesthetically correct



VPS WALL DIMENSIONS



VPS Wall notional construction details



Walls (up to 2400mm in height)

'Minoli WR Cemento' 200 x 200mm grey wall tile, matt. Grey grout (min 2,400mm high)

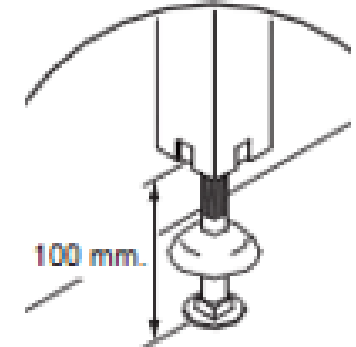
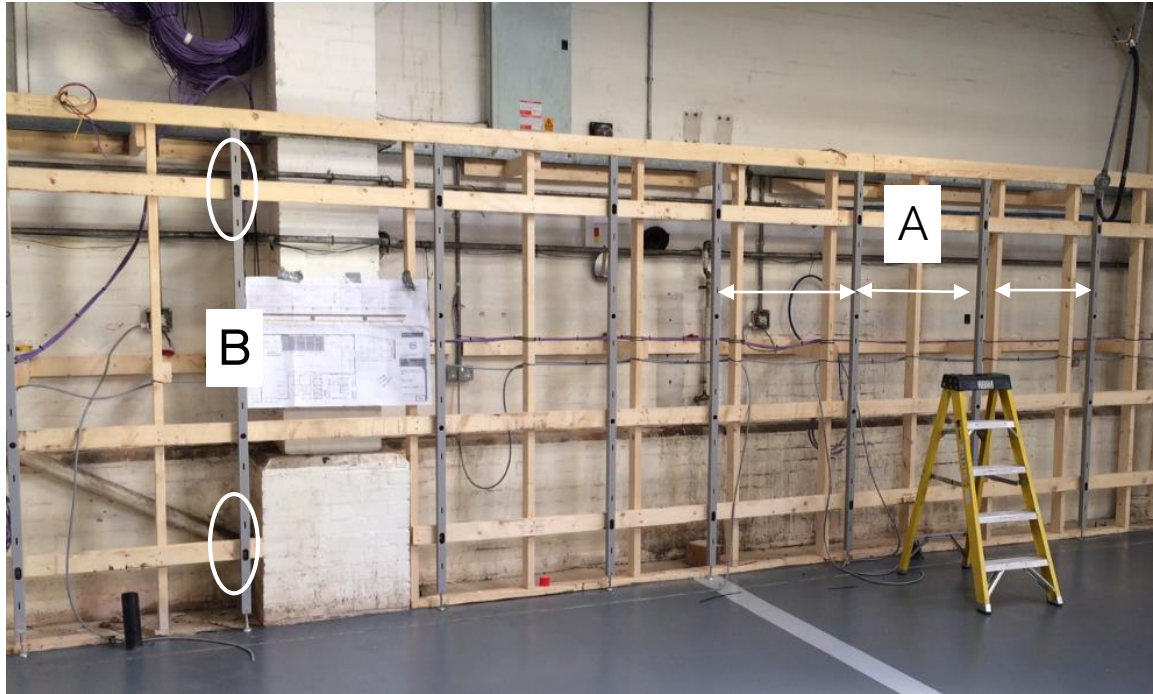
or

High impact proof Epoxy wall paint - grey RAL 7035 (min 2,400mm high).

Workshop tiled skirting

12mm 'Minoli Serizzo' 200 x 100mm grey skirting tile, coved angle / edge tiles. Grey grout.

VPS WALL MOUNTING



VPS wall mounting onto a wooden batten frame, the frame is secured to the workshop wall

The wall supports are mounted onto the wooden frame at either 900, 600 or 300mm width dependant on design (A)

Support legs secured to the frame at (B) Adjustable support feet take the weight of the wall set at 100mm height

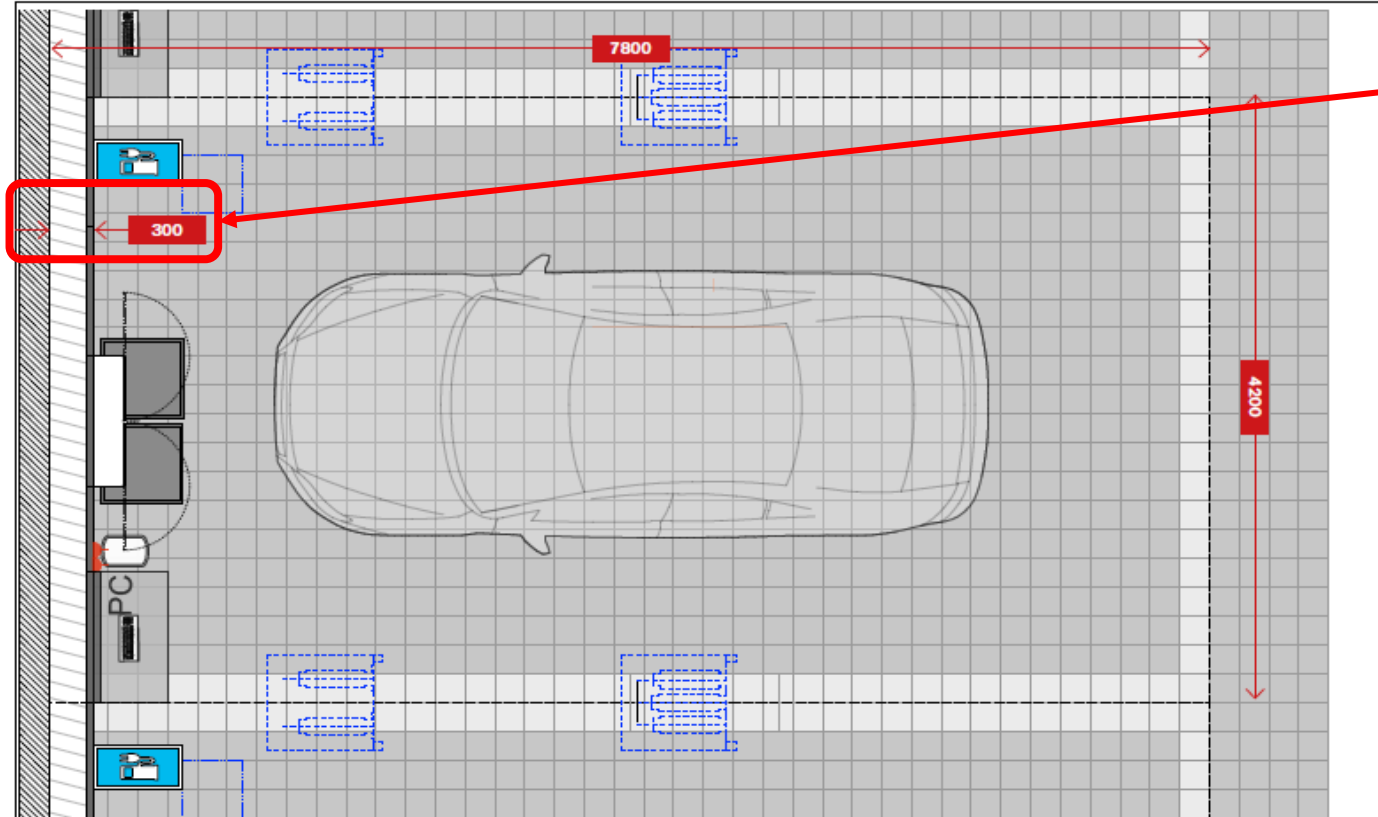
9814147 MOUNTING BAR (9814159 SCREW KIT, INCL. WASHER)



VPS WALL VOID



VPS Standard Bay Detail



300mm void for the VPS wall

It is recommended where possible that there is a 300mm void
This allows for the fitting / routing of supplies (oil, water, electric etc) for the wall

Also allow sufficient space for the lift control unit to be fitted example below on next slide

VPS WALL VOID

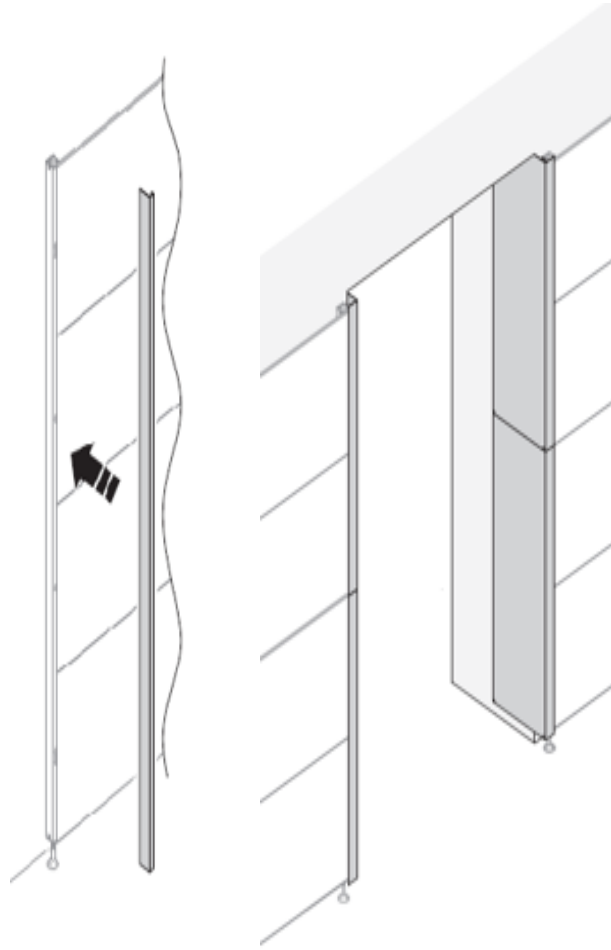


VPS wall designed with a 300mm void to accommodate ramp control units and supplies oil, water, air, power

The design of the wall is to ensure a clean / lean design

Void clearance allows the fitting of the wall in workshop to cover pillars etc

VPS WALL END PIECES & COVER PANELS



Solution required to finish the VPS void gap

First picture shows end piece 981 4143 (Daventry)

Cover plates 981 4151 designed for doorways etc

Alternative to use MDF painted RAL 7004 40 gloss

Easier to trim a neat finish than the sheet metal cover plates

VPS WALL END PIECES & COVER PANELS



VPS WALL TOP COVER



Solution required to finish the top of the VPS void gap

Currently no solution in VPS wall kit

Pictures opposite show the fitting of MDF panels cut to size and painted in the correct RAL colour

This option finishes the wall design, example has the panels at a slope design same as top of the tool cabinets

Daventry to adopt a similar design



VPS WALL SUPPLIES



Position of and number of power sockets to be determined

Example shows 2 double 240 sockets and LAN / Phone lines

Example positioned underneath the shelf



VPS LIFT CONTROL PANEL



Control panels for the lifts to be ideally recessed / mounted in the VPS wall

Note JD Edge example shown opposite

Lift serial numbers listed on panel

JD route the power supplies to the lifts to the right hand side of the bays

VPS WALL SKIRTING BOARD



No option for a skirting board within the VPS wall kit

Option required to finish off the wall



Example of fitting a MDF in front of the legs

Option in MEDA document to fit tiles behind the legs



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