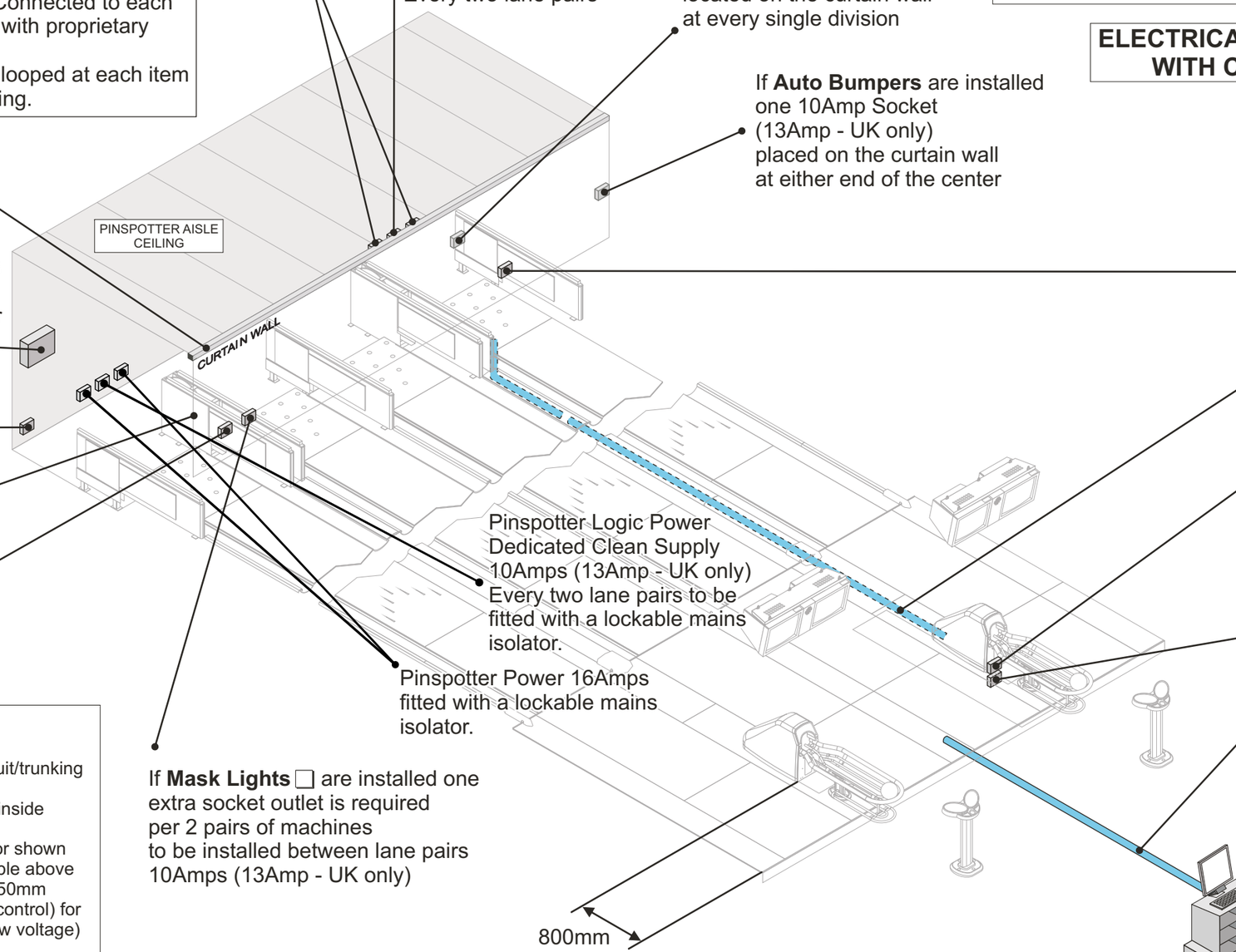
DEDICATED EARTHS:
1 x 10mm 6491X earth cable from earth bar at main intake - to be installed in 75x75 PVC trunking on curtain wall:- Connected to each pinspotter machine frame with proprietary earth lugs.
NB: Cables must NOT be looped at each item but tee'ed within the trunking.

IMPORTANT: ALL CONDUIT/TRUNKING TO BE PVC EXCEPT CEILING TRUNKING FOR MACHINE POWER WHICH IS TO BE STEEL

ELECTRICAL INSTALLATION MUST COMPLY WITH CURRENT IEE REGULATIONS



Pinspotter Power 16Amps

Pinspotter Logic Power Dedicated Clean Supply 10Amps (13Amp - UK only) Every two lane pairs

If **Capping Lights** are installed one 10Amp Socket (13Amp - UK only) located on the curtain wall at every single division

If **Auto Bumpers** are installed one 10Amp Socket (13Amp - UK only) placed on the curtain wall at either end of the center

☐ **MASKING UNIT BACKLIGHT**
One 10Amp Socket (13Amp - UK only) per pair of lanes placed on the curtain wall

75 x 75 mm steel cable trunking fixed to underside of pinspotter aisle ceiling

Sub. Dist. board for machine supplies contains motor start MCBs (MEM 161MB3 or similar) one 16Amp MCB/Machine.
MCB board for general lighting and power to pinspotting area.

General Purpose Double Socket Outlet

CURTAIN WALL must support a weight of 35Kg per pair of lanes

If **Xtreme** ☐ is installed one extra socket outlet is required per 2 pairs of machines to be installed between lane pairs 10Amps (13Amp - UK only)

Pinspotter Logic Power Dedicated Clean Supply 10Amps (13Amp - UK only) Every two lane pairs to be fitted with a lockable mains isolator.

Pinspotter Power 16Amps fitted with a lockable mains isolator.

If **Mask Lights** ☐ are installed one extra socket outlet is required per 2 pairs of machines to be installed between lane pairs 10Amps (13Amp - UK only)

With standard ball return overhang of seating area of 625mm See note 4

Cable Ducts 75mm

16Amp dedicated socket for Lane Cleaning Machine. One per Ball Return.

13Amp socket mounted below **BALL RETURN** for drive unit. Fed from 10Amp (13Amp - UK only) MCB, one per circuit. Distribution board in control desk. Contractor to provide plug top and flex.

Cable Ducts (see Note 3)

Single 10Amp socket (13Amp - UK only) for **MCU**

Single 10Amp socket (13Amp - UK only) for **Xtreme** (if installed)

Single 10Amp socket (13Amp - UK only) for **Capping Lights** (if installed)

MCB for Ball Return

Single 10Amp socket (13Amp - UK only) for **Mask Lights** (if installed)

NOTES

1. Installation of 6491X cable to be in PVC conduit/trunking
2. All trunking / plastic pipes to have draw wires inside
3. Flush floor trunking or 2 x 100mm ducts in floor shown for island type control where no routing available above ceiling. Preference where possible is for 1 x 150mm installed central above ceiling (curtain wall to control) for routing pinspotter and score control cables (low voltage)
4. If ball return location is changed then the 800mm dimension will alter accordingly. Contact QubicaAMF before installation
5. If a compressor is supplied for Auto Bumpers an extra socket is required. Position and current rating of socket to be agreed on site.

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THE POWER OF PARTNERSHIP

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PINSPOTTER ELECTRICAL SPECIFICATIONS

90XLi

Drg.No 2.4.uk
Revised 12th December 2008