

TYPICAL AUDIOVISUAL BOX - SURFACE MOUNTING

TYPICAL AUDIOVISUAL BOX - FLUSH MOUNTING

TYPICAL AUDIOVISUAL BOX COMPONENTS

Notes:-

Construction

Faceplates to be manufactured from 1.6mm thick mild steel.

Back boxes to be manufactured from 1.2mm mild steel, and to be minimum 120mm deep.

Both back box and faceplate to be finished in one of the specified RAL colours, as detailed in the Facilities Planning Schedule.[RAL colours to be any RAL Classic colour, as specified by the Architect, with 30% gloss finish]

All faceplate mounting holes to be countersunk. Black countersunk screws to be used to secure all connectors and faceplates. Raised or round-headed screws will not be accepted. Distance between screws must not exceed 120mm

Nomenclature

All nonmenclature to be provided via engraved labels

Labels to be made from 2mm thick black traffolyte or equivalent with a 45deg bevelled edge all round.

Fonts and point sizes as noted.

Engraving fill to be white, except as noted. Labels to be securely fixed to faceplate with black countersunk screws or rivets. Adhesive labels will not be accepted

All Cat6A and Fibre connectors must have a retained rubber dust cover installed to prolong the life of the connectors.

Connector Numbering

Each connector on a facility panel should have a unique number, so that there is only one 'video 12' and one 'video 48' as an example. This should be numbered starting at the basement level.

Labelling of SM Desk connection points on facility panels and on patchbays should be discussed with the theatre consultant to agree an approach to labelling that works for the client and is simple to understand.

A	TENDER	10/11/2025
Rev	Description	Date

Project title:

VENUE CYMRU, LLANDUDNO

Drawing Title:
STAGELIGHTING AND AUDIOVISUAL SYSTEMS

FACILITIES PANELS - TYPICAL DETAILS

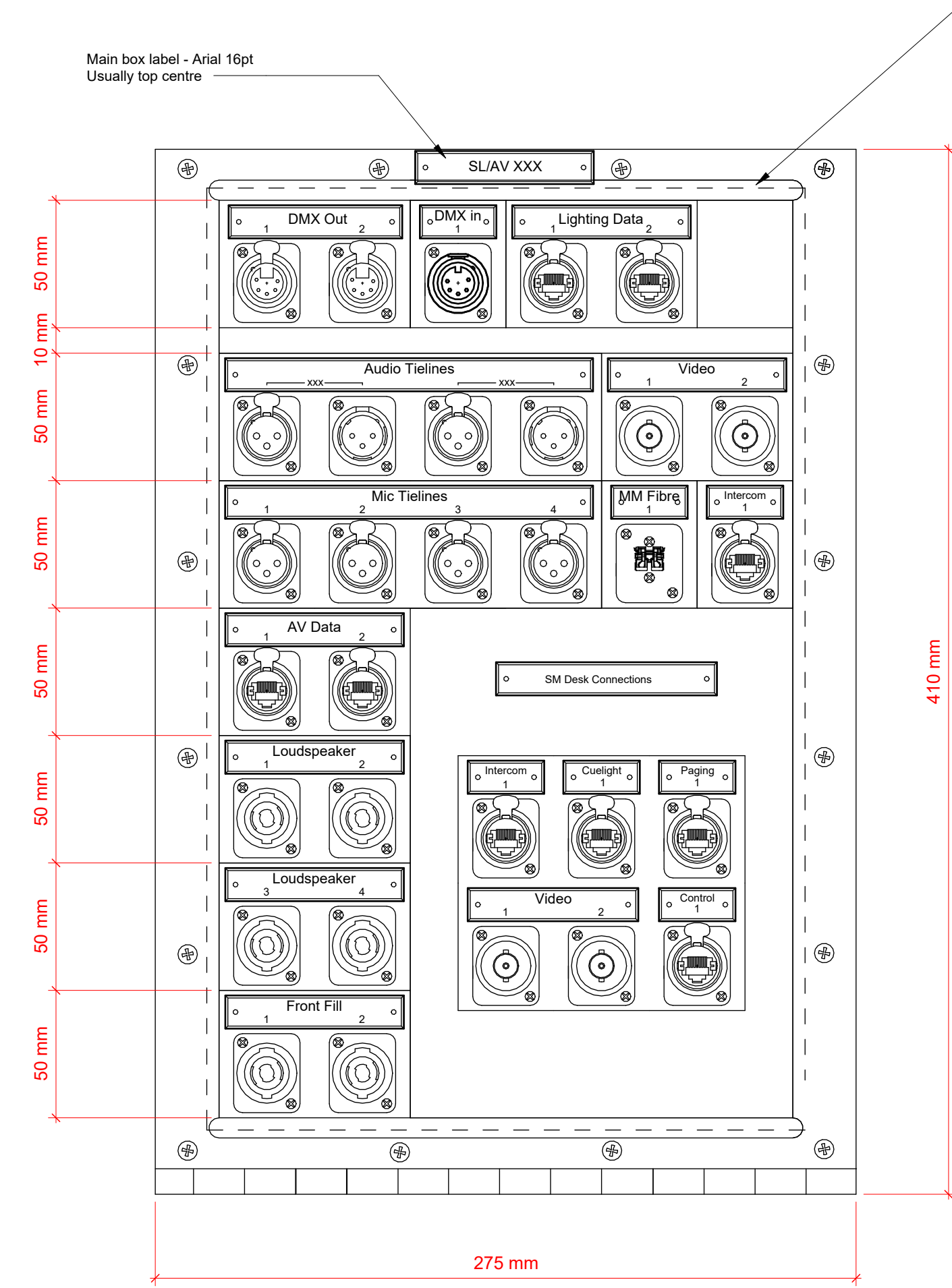
MULTIPLE LEVELS

Drawing Type:
ASSEMBLY DRAWING

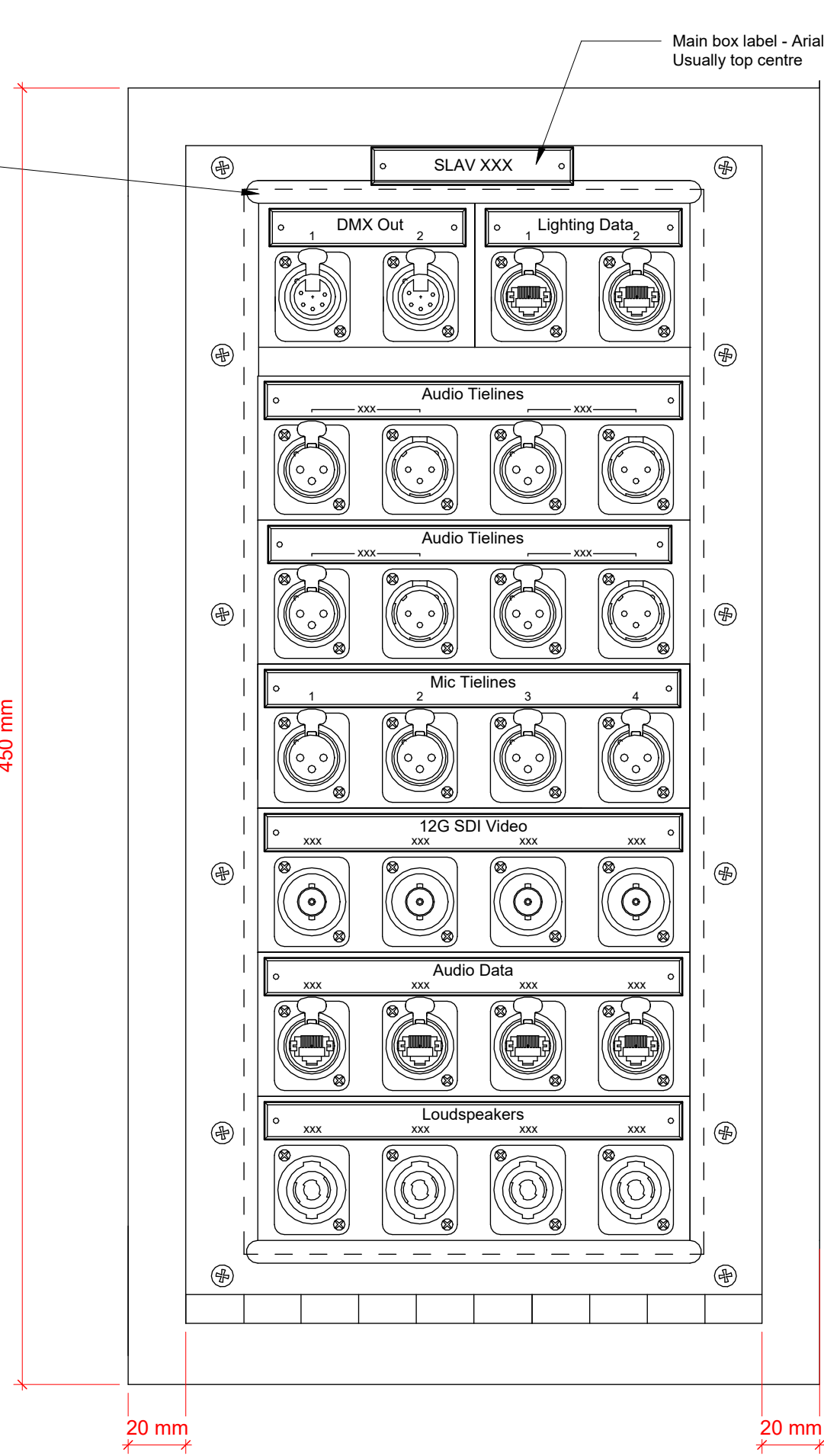


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Scale	Size	Status
1:2	A1	Tender
Drawn	Date	Checked
DB	20/10/25	JN
DRAWING NUMBER	REV	
LVC-CBL-SLAV-AS-002	A	

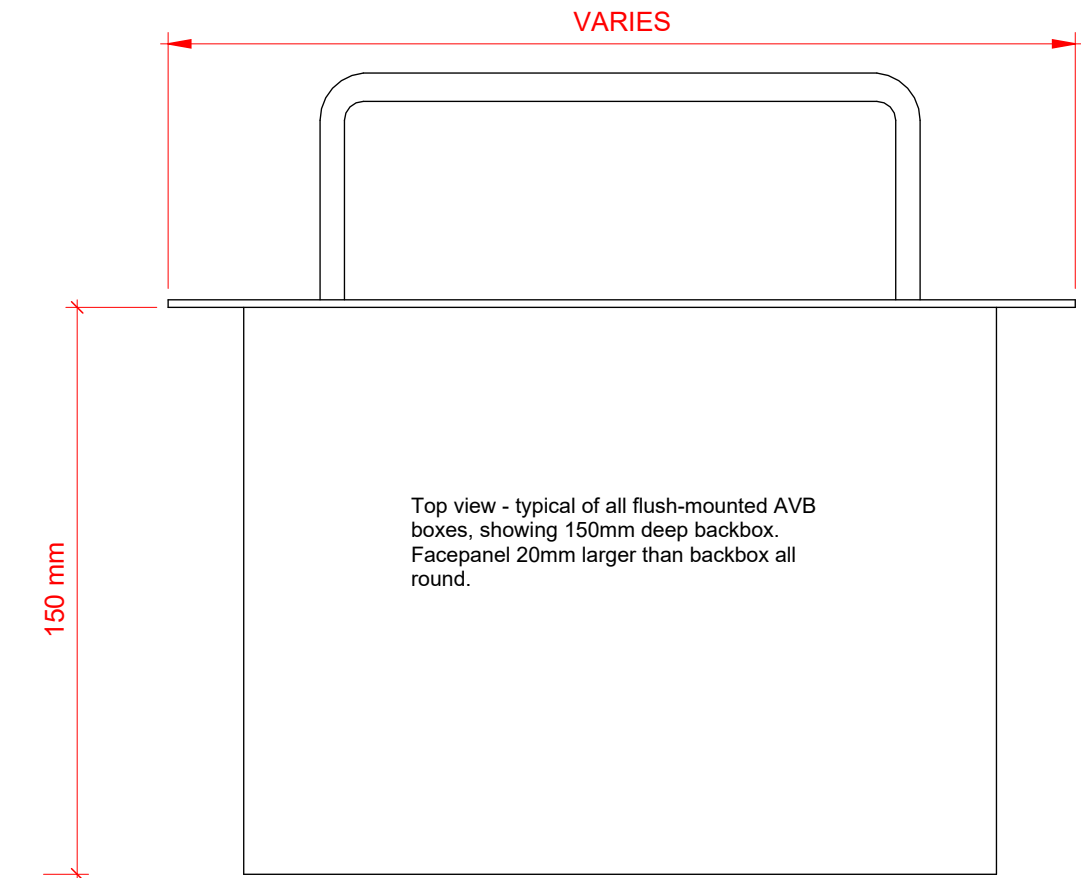
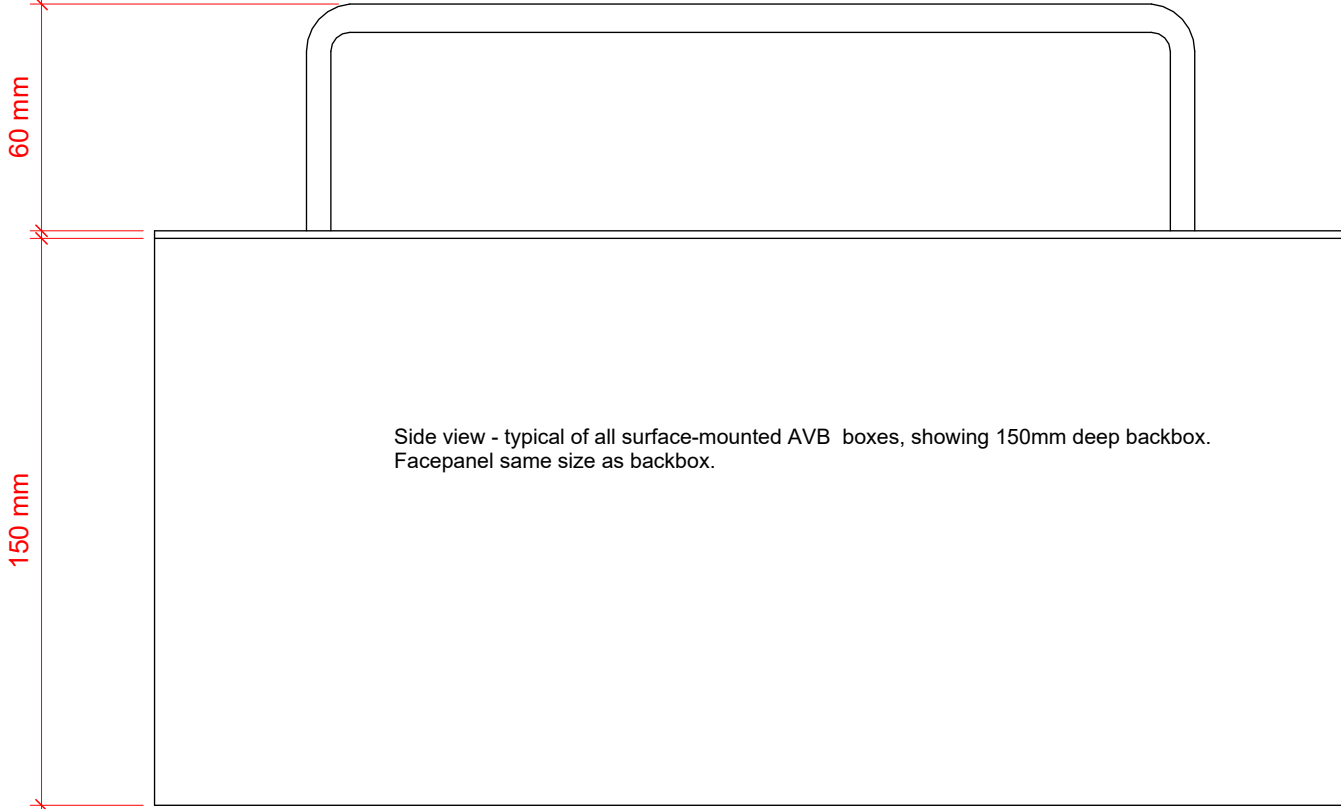


Tie bars where indicated at top and bottom of facepanel to be 7.5mm diameter with radiused returns. Tie bar to offer a minimum of 30mm clear area between tiebar and faceplate (preferably 50mm)



Main box label - Arial 16pt
Usually top centre

TYPICAL SLAV BOX - CONSTRUCTION AND BACK BOX



TYPICAL INSTALLATION EXAMPLES - PLAN VIEWS

Surface-mounted	Flush-mounted	Semi-Recessed	Recessed	Deep recessed
Mainly on stage and in non public areas	Mainly in public areas or where clearance is limited	Mainly in sensitive areas where wall build-up does not allow full recess	Mainly in public areas	Mainly in public areas
Socket outlet box mounted to face of wall	Socket outlet box mounted within depth of wall, leaving facepanel flush with wall surface	Socket outlet box partially recessed into wall build-up, with trim plate around to cover edge of wall opening	Socket outlet box surface-mounted within wall recess, hidden behind hinged architectural cover. Cover will need to be open when outlet box in use	Socket outlet box surface-mounted within wall recess, hidden behind hinged architectural panel, but with sufficient depth behind cover for connectors to be in place with cover closed. Cover to include 'mousehole' for cable exit when closed