

Audio Visual Low Level Design Cover Sheet & Drawing Register

experience excellence

Client: **Blackmores Limited**

Project: V4 Blackmores General Meeting and

Boardroom POC

Audio Visual Schematic System Types:

LINES AND CABLE IDS	LOCATION COLOURS	GENERAL ARRANGEMENT SYMBOLS
C001	WALL TABLE	SINGLE SWITCHED GENERAL POWER OUTLET
8723 CONTROL CABLE		0-2 DOUBLE SWITCHED GENERAL POWER OUTLET
D001	CEILING LECTERN	
CAT 6A ETHERNET CABLE WOO1	CEILING LECTERN	SINGLE CAT 6 DATA OUTLET
CRESNET CABLE		DOUBLE CAT 6 DATA OUTLET
V001	FLOOR MOBILE	MATV OUTLET
CAT 6A VIDEO TRANSMISSION 1001		65MM CORE HOLE
COMPONENT CABLE J001	RACK CREDENZA	AV RACK
COMPOSITE CABLE		FLUSH MOUNTED CEILING SPEAKER
F001	FREE STAND BIO BOX	SURFACE MOUNTED SPEAKER
HEARING LOOP FEEDER CABLE HOO1		SUITAGE MOUNTED SI DAILEN
DIGITAL (HDMI/DVI/DISPLAY PORT) CABLE T001		DATA PROJECTOR
RG8U CABLE B001	COMMS PORTS	WALL MOUNTED LCD DISPLAY
RG11 CABLE	AV LAN BMS LAN	CEILING MOUNTED LCD DISPLAY
G001	L # L #	TROLLEY MOUNTED LCD DISPLAY
RCBHV / 5-CORE MINI COAXIAL CABLE S001	CLIENT LAN DANTE/AES LAN	
FIGURE 8 SPEAKER CABLE Q001	L # L #	MOTORISED PROJECTION SCREEN
S-VIDEO CABLE		DESKTOP MOUNTED DISPLAY
A001	PSTN LINE SVSI/NVX LAN	☐ PTZ CAMERA MOUNT
8723 AUDIO CABLE	P # L #	TB TABLE BOX INPUT
U2001 USB 2.0 CABLE		FLOOR BOX INPUT/OUTPUT
U3001	00117701 70770	IP INPUT PLATE
USB 3.0 CABLE	CONTROL PORTS	TOUCH CONTROL INTERFACE
LOO1 HEARING LOOP TAPE	SERIAL (232, 485)	ROOM BOOKING PANEL
P001	X	
LOW VOLTAGE POWER CABLE	INFRARED	IRI INFRARED HEARING AUGMENTATION
M001	$(\overline{\chi})$	INFRARED HEARING AUGMENTATION
MULTI-CORE MICROPHONE CABLE R001	RELAY	ANTENNA
RG6 CABLE	A	.
UC001		GOOSENECK MICROPHONE
USB C CABLE	1/0	6
N001 SINGLE-MODE FIBRE CABLE		BOUNDARY MICROPHONE
O001	PROPRIETARY LINK	AP CEILING ACCESS PANEL
MULTI-MODE FIBRE CABLE	X	
Y001 PROPRIETARY CABLE	<u> </u>	CEILING MICROPHONE
IC001		CEILING MICROPHONE ARRAY
RACK INTERCONNECT CABLE		

	DRAWING SET REGISTER		
Drawing No	Description	Rev	Note
PAVS-AV-BGMD-LD-100	Cover Sheet & Drawing Register	Ğ	<u>/c</u>
PAVS-AV-BGMD-LD-101	Scope of Works	A	^
PAVS-AV-BGMD-LD-102	General Meeting Rooms with Canvas	В	∕G\
PAVS-AV-BGMD-LD-103	General Meeting Rooms BYOD	A	٨
PAVS-AV-BGMD-LD-104	General Meeting Rooms Interactive	В	G
PAVS-AV-BGMD-LD-105	Boardroom	В	
PAVS-AV-BGMD-LD-106	Reception	С	
PAVS-AV-BGMD-LD-107	Product Display	В	
PAVS-AV-BGMD-LD-108	Meet & Eat	D	
PAVS-AV-BGMD-LD-109	Comms Room - AV Rack	А	

G	22/04/22	For Construction Issue			
F	21/04/22	For Construction Issue	КВ		
Е	04/04/22	For Construction Issue	KB		
D	28/03/22	For Construction Issue	КВ		
С	22/03/22	For Construction Issue	KB		
В	15/03/22	For Construction Issue	KB		
Α	08/03/22	For Construction Issue	KB		
REV	DATE	REVISION DESCRIPTION	DRAWN		

FOR CONSTRUCTION



Unit 8, 25 Frenchs Forest Rd Frenchs Forest NSW 2086

CLIENT: BLACKMORES LIMITED

BLACKMORES

PROJECT:
V4 Blackmores General Meeting and Boardroom
POC & Reception Wall

Cover Sheet & Drawing Register

KB VG

1448 & 1466

PAVS-AV-BGMD-LD-100

G

Scope of Works:

Project 1448

General meeting rooms scope (Canvas, Interactive & BYOD):

A Crestron soundbar Micrsoft Teams solutions with an associated 65" display forms the basis of the general meeting rooms. An Airmedia player is provided for both wireless presentation and room dashboard signage. Workflow for dashboard / far end view / presentation content

will be completed via Teams in built 'People. People and content, content' button, provided on the Teams UI.

A room booking touchpanel and room sign are provided externally to the room, along with an occupancy sensor for room occupancy detection and room

analytics and control

There are 3 variations of the room type including:

- Addition of a whiteboard capture camera (Canvas)
- Addition of a touch display for Microsoft Teams Whiteboarding (Interactive)
- Addition of a BX BYOM system (BYOD)

Room workflow:

When occupancy is detected, the system will switch on and defult display the signage dashboard provided by the Airmedia player If not booked the room booking system should inciated room is occupied.

Once a call is activated, the user will then use the 'people, People and content. content' button to select the desired call inout and local display

- In rooms that have a whiteboard camera, the client can select this a presentation content via the Teams UI.
- In rooms with a touh display, a native Teams whiteboarding session can be activated by a attendee in the Teams meeting. Direct mark ups can then be

completed via the local touch display.

In rooms that have BYOM functionality, a laptop can be connected via HDMI and USB to enable a BYOM meeting to be driven by a local laptop, utilsiing

the camera, microphone and speaker from the inbuilt room system

Boardroom scope:

A Crestron Integrated Microsoft Teams solutions with an associated 98" display forms the basis of the Boardroom.

An Airmedia player is provided for both wireless presentation and room dashboard signage. Workflow for dashboard / far end view /

will be completed via Teams in built 'People. People and content, content' button, provided on the Teams UI.

Lighting control will be available via the control page flip on the MTR Touchpanel. Lighting interface is to be provided by others A room booking touchpanel and room sign are provided externally to the room, along with two occupancy sensor sfor room occupancy detection and room

analytics and control. Microphonje audio is to be utilised as a secondary occupancy detection method also.

A total of 6 Table boxes will be provided:

3 table boxes will include a HDMI and 3 boxes will include USB-C, for wired content connection

In addition, each table box will have a mains power socket, USB-A charge socket and network connection.

A HDMI Inpit plate is provided at the front of the room for wired content connectivity.

An MXA-910 ceiling microphone with associated ceiling speakers will providce audio for content and conferencing audio. IR Hearing augmentation is provided for hearing impaired.

Room workflow:

When occupancy is detected, the system will switch on and defult display the signage dashboard provided by the Airmedia player If not booked the room booking system should inciated room is occupied.

Once a call is activated, the user will then use the 'people, People and content, content' button to select the desired call inout and local display.

- In rooms that have a whiteboard camera, the client can select this a presentation content via the Teams UI.
- In rooms with a touh display, a native Teams whiteboarding session can be activated by a attendee in the Teams meeting. Direct mark ups can then be

completed via the local touch display.

In rooms that have BYOM functionality, a laptop can be connected via HDMI and USB to enable a BYOM meeting to be driven by a local laptop, utilsiing

the camera, microphone and speaker from the inbuilt room syste

Project 1466

Reception scope:

The reception area is main up of three seperate systems:

Cafe "Menu' Boards:

The Cafe menu boards consists of 2 Landscape mounted displays with associated signage player, to enable simple management of the cafe menu day to

Product Orientation Area (Product Display):

The product orientation area consist of a Touch interactive display and associate touch enable signage player.

Main LED wall display (Meet & Eat):

The main reception LED wall is the centre piece of the reception area to create a eye catching focal point for visitors attending site.

The LED wall will have a signage player attached for everyday signage media.

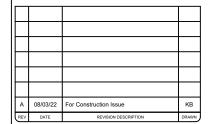
Local HDMI presentation input provided, with final location in LED wall joinery TBC.

Audio breakout via ceiling speakers to local reception provided. Wireless microphone including 2 x lapel mics and 2 x handheld mics, provided with reciever to be installed central to reception / flexi space, to allow for

use in future Flexi Space system

5" Touchpanel to be located at the reception desk for AV source and volume control.

All media content is to provided by the client



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Unit 8, 25 Frenchs Forest Rd NSW 2086

BLACKMORES LIMITED

BLACKMORES

V4 Blackmores General Meeting and Boardroom

TITLE: Scope of Works

> KB VG N/A

JOB NO

1448 & 1466

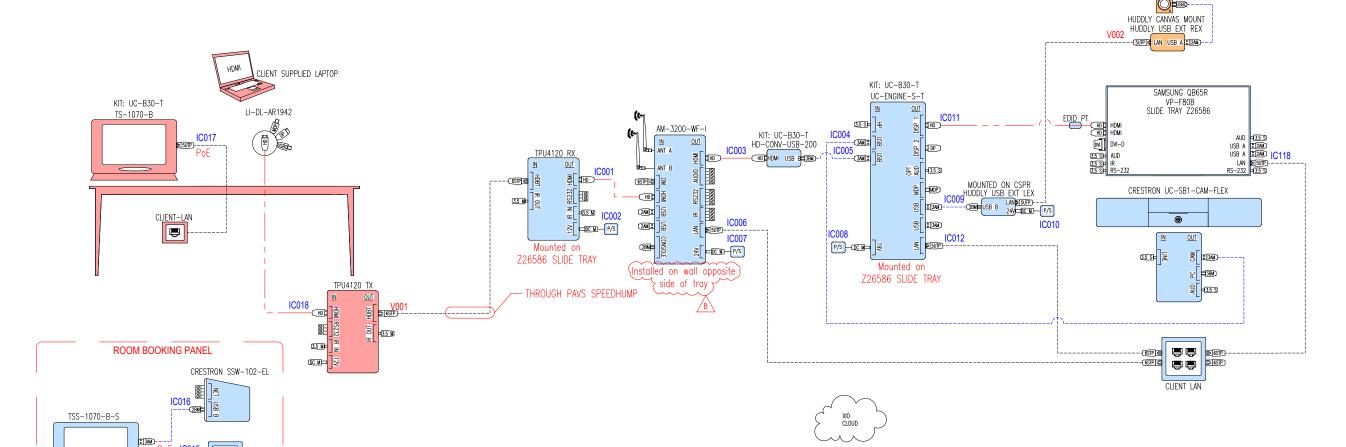
DRAWING NO.: PAVS-AV-BGMD-LD-101

Α

Blackmores Limited General Meeting Rooms with Canvas



HUDDLY CANVAS CAM



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В	22/04/22	For Construction Issue	ВМ
А	08/03/22	For Construction Issue	KB
REV	DATE	REVISION DESCRIPTION	DRAWN

FOR CONSTRUCTION



Unit 8, 25 Frenchs Forest Rd Frenchs Forest NSW 2086

CLIENT: BLACKMORES LIMITED

BLACKMORES

PROJECT:
V4 Blackmores General Meeting and Boardroom

General Meeting Rooms with

KB N/A VG

JOB NO.:

1448 & 1466

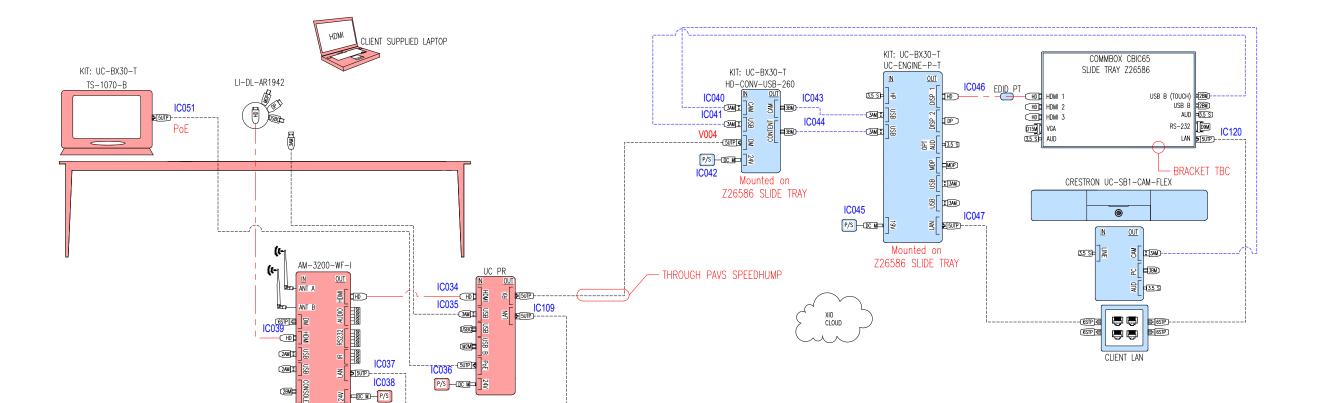
DRAWING NO.: PAVS-AV-BGMD-LD-102

В

Blackmores Limited General Meeting Rooms BYOD







ROOM BOOKING PANEL

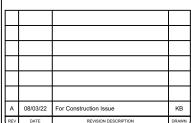
P₀E IC050

TSS-1070-B-S

CRESTRON SSW-102-EL

٥

CLIENT LAN



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Unit 8, 25 Frenchs Forest Rd Frenchs Forest NSW 2086

CLIENT: BLACKMORES LIMITED

BLACKMORES

PROJECT:
V4 Blackmores General Meeting and Boardroom

General Meeting Rooms BYOD

N/A KB VG

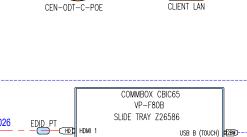
JOB NO.:

1448 & 1466

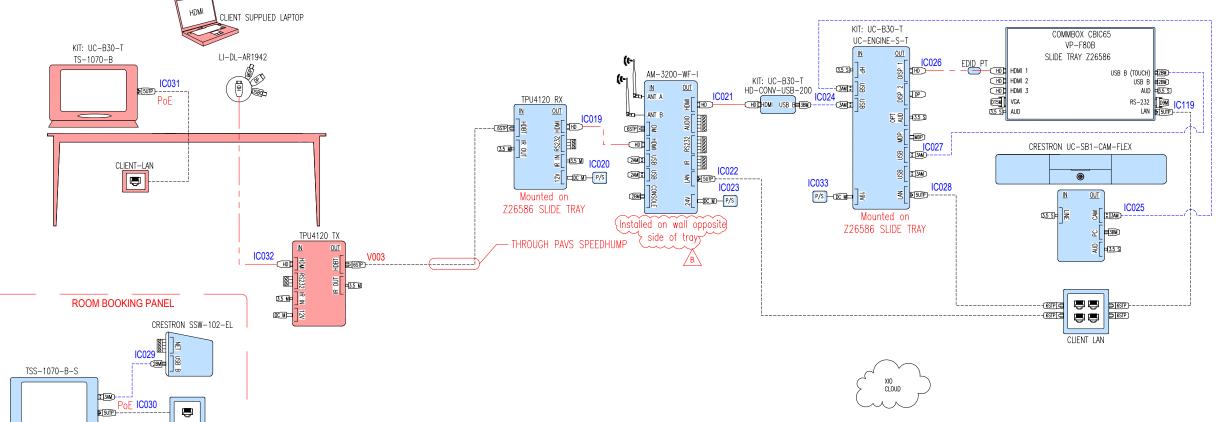
DRAWING NO.: PAVS-AV-BGMD-LD-103

Blackmores Limited General Meeting Rooms Interactive





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Unit 8, 25 Frenchs Forest Rd Frenchs Forest NSW 2086

CLIENT: BLACKMORES LIMITED

BLACKMORES

PROJECT:
V4 Blackmores General Meeting and Boardroom
POC & Reception Wall

General Meeting Rooms Interactive

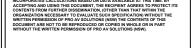
KB N/A VG

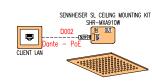
1448 & 1466

PAVS-AV-BGMD-LD-104

В

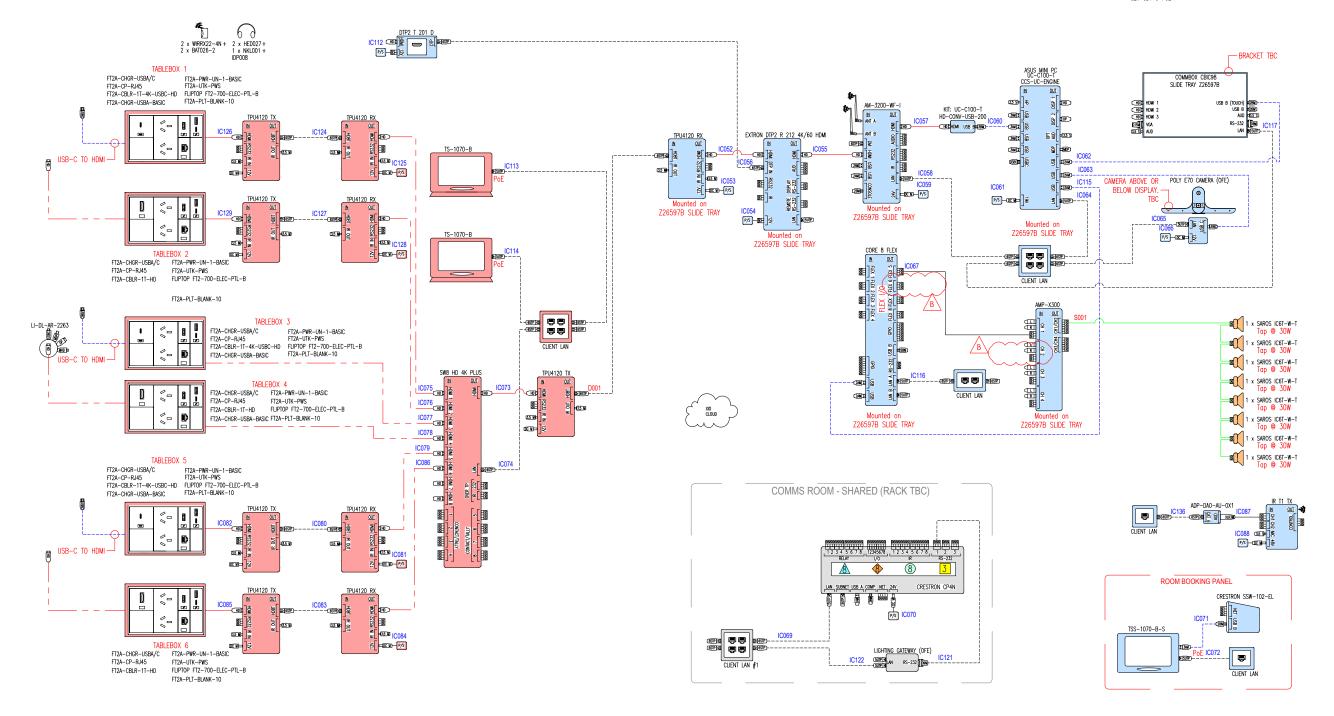
Blackmores Limited Boardroom

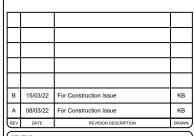












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Unit 8, 25 Frenchs Forest Rd Ph: (02) 8978 1700 Fax: (02) 9907 2077

BLACKMORES LIMITED

BLACKMORES

PROJECT:
V4 Blackmores General Meeting and Boardroom

TITLE: Boardroom

> N/A KB VG

JOB NO.:

1448 & 1466

DRAWING NO.: PAVS-AV-BGMD-LD-105

В

Blackmores Limited Reception

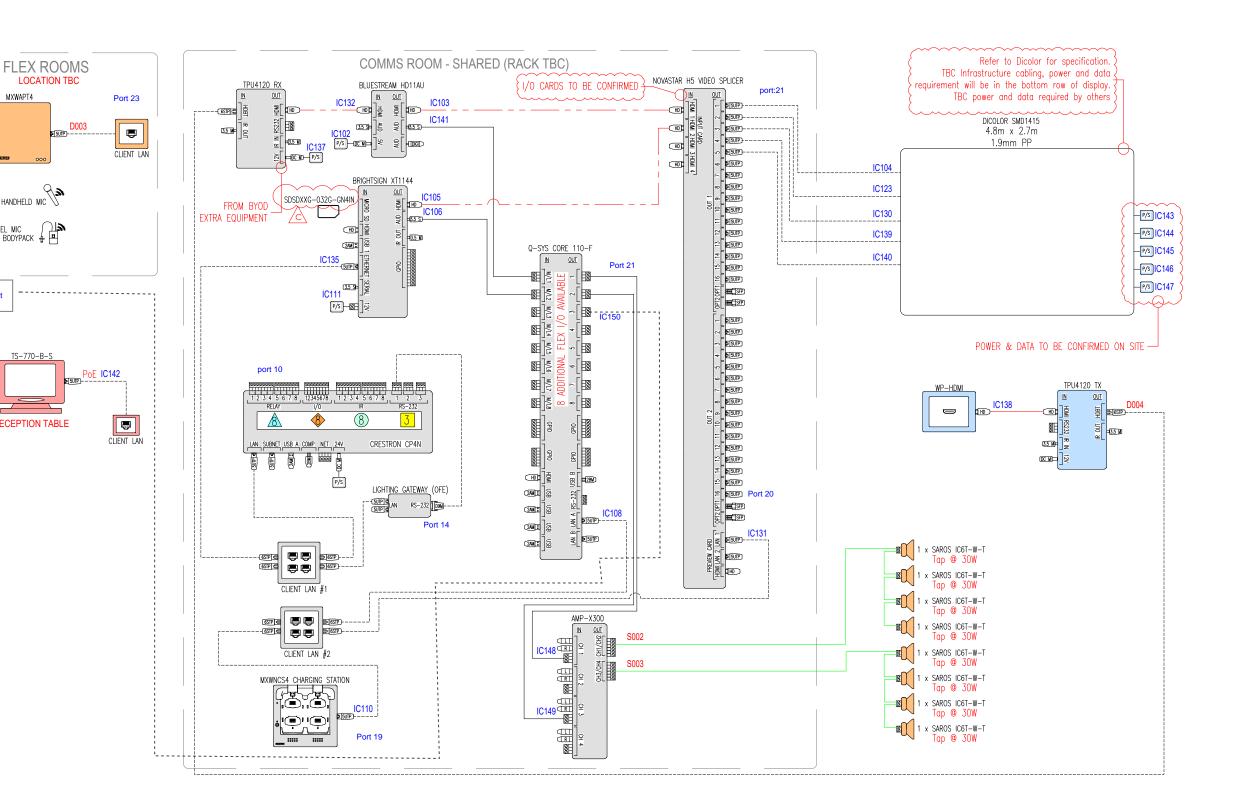
MXWAPT4

2 x MXW2S58Z11 HANDHELD MIC

2 x WL185 LAPEL MIC 2 x MXW10Z11 BODYPACK

RECEPTION TABLE

XLR Output Plate



С	15/03/22	For Construction Issue	КВ
В	15/03/22	For Construction Issue	KB
Α	08/03/22	For Construction Issue	KB
REV	DATE	REVISION DESCRIPTION	DRAWN

FOR CONSTRUCTION



Unit 8, 25 Frenchs Forest Rd

CLIENT: BLACKMORES LIMITED

BLACKMORES

PROJECT:
V4 Blackmores General Meeting and Boardroom

TITLE: Reception

> N/A KB VG

JOB NO.:

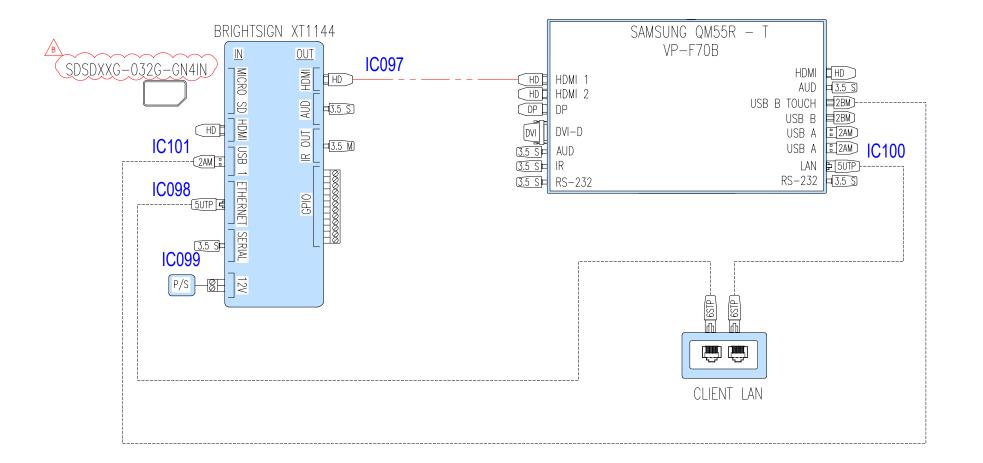
1448 & 1466

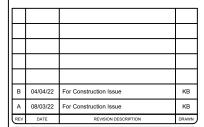
DRAWING NO.: PAVS-AV-BGMD-LD-106

C

Blackmores Limited Product Display







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Unit 8, 25 Frenchs Forest Rd Frenchs Forest NSW 2086

CLIENT: BLACKMORES LIMITED

BLACKMORES

PROJECT:
V4 Blackmores General Meeting and Boardroom
POC & Reception Wall

TITLE: Product Display

KB VG N/A

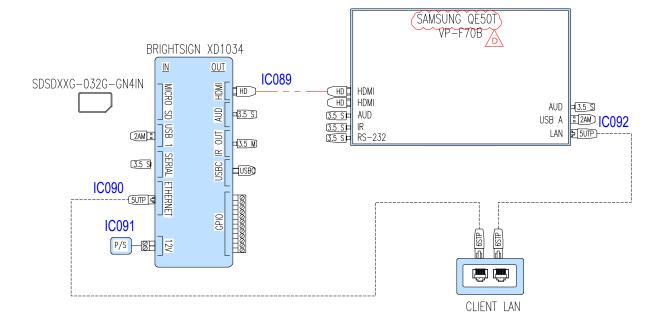
JOB NO.:

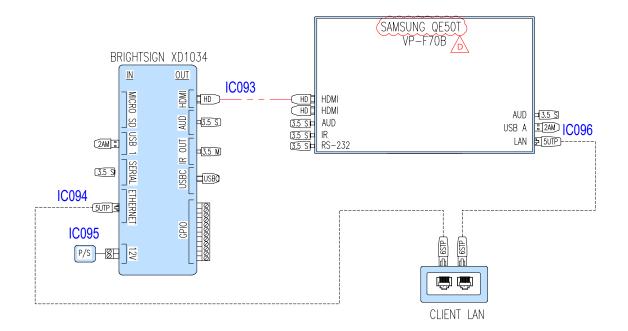
1448 & 1466

DRAWING NO.: PAVS-AV-BGMD-LD-107

REV:

Blackmores Limited Meet & Eat





D	21/04/22	For Construction Issue	BM
С	04/04/22	For Construction Issue	KB
В	28/03/22	For Construction Issue	KB
Α	08/03/22	For Construction Issue	KB
REV	DATE	REVISION DESCRIPTION	DRAWN

FOR CONSTRUCTION



Unit 8, 25 Frenchs Forest Rd Frenchs Forest NSW 2086

CLIENT: BLACKMORES LIMITED

BLACKMORES

PROJECT:
V4 Blackmores General Meeting and Boardroom
POC & Reception Wall

TITLE: Meet & Eat

KB VG А3 N/A

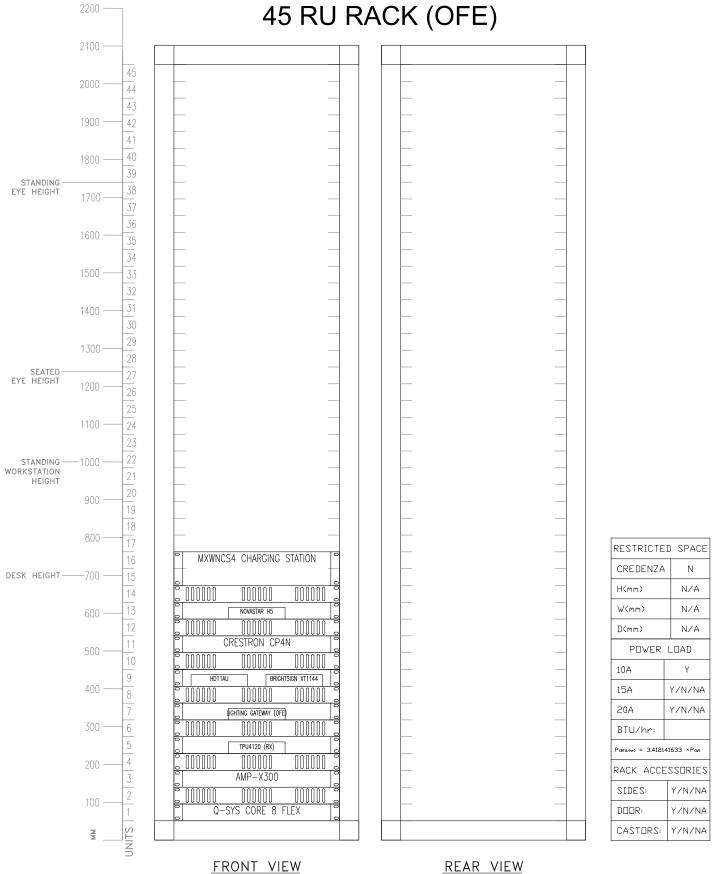
JOB NO.:

1448 & 1466

DRAWING NO.: PAVS-AV-BGMD-LD-108

D

Blackmores Limited Comms Rack - AV Rack (Shared)



KESIKICIE	L	STACE		
CREDENZA	N			
H(mm)		N/A		
W(mm)		N/A		
D(mm)		N/A		
POWER	L	_DAD		
10A		Υ		
15A		Y/N/NA		
20A		Y/N/NA		
BTU/hr:				
P(BTU/hr) = 3.4121	41	633 ×P(w)		
RACK ACCE	- <	SSORIES		
SIDES:	I	Y/N/NA	ADD	8mm
DOOR:	Ī	Y/N/NA	ADD	16mm
CASTORS:	Y/N/NA	ADD	72mm	

RACK LAYOUT TO BE CONFIRMED ON SITE

Α	22/03/22	For Construction Issue	KB
REV	DATE	REVISION DESCRIPTION	DRAWN

FOR CONSTRUCTION



CLIENT: BLACKMORES LIMITED

BLACKMORES

PROJECT:
V4 Blackmores General Meeting and Boardroom

Comms Rack - AV Rack (Shared)

КВ N/A VG

1448 & 1466

PAVS-AV-BGMD-LD-109