



Project Title		
ROOM 23 - SOUTH WING		
Sheet Name		
Drawing Title		
PROPOSED REAR ELEVATION WITH AV INSTALLATIONS, ASSOCIATED BWIC AND M&E		
Drawing Status		
Paper Size		
ISO full bleed A1 (841.00 x 594.00 MM)		
Scale		
1:25@A1		
Drawn By		
GDC - Glen-Daniel Carr		
Drawing Revision		
Rev A	Issue	16/09/22
Rev B	Notes_2_0	31/08/22
Rev C	Notes_3_0	16/09/22
Rev D	Notes_4_0	16/09/22

GENERAL	
	AV / AV M&E Equipment Centre-Point
	AV / AV M&E Equipment Centre-Point
	UCL Data Point ^(Quantity)
AV POINT TO POINT CABLING	
	AV CAT6A Cable ^(Quantity)
	3G-SDI Cable ^(Quantity)
	XLR (3 Pole) Cable ^(Quantity)
	2x1.5mm Speaker Cable ^(Quantity)
AV M&E INFRASTRUCTURE	
	Double Gang Backbox for AV (47mm Depth)
	Single Gang Backbox for AV (47mm Depth)
	Double Switched Socket Outlet
	Double UCL Data Box/Plate
	Quad UCL Data Box/Plate
	AV Floorbox + Cable Pull Ref
	AV Containment Route INDICATIVE ONLY - M&E to confirm
INDICATIVE CABLE ROUTES	
	AV P2P Audio Cable
	AV P2P Speaker Cable
	AV P2P Cat 6a Cable
	AV P2P SDI/Coax Cable

Space Name
Wilkins Room
Project Address
Wilkins Building Gower Street London
UCL Building Code
012
UCL Drawing Reference
2022_012_ISD_TDD_AV_00_00_Y_AVEME_A

DP-1 - SURFACE MOUNTED DATA PROJECTOR

- 1No. OPTOMA ZU500USTe DATA PROJECTOR ~ **5.8KG**
- 1No. OPTOMA OWM3000 ULTRA SHORT THROW PROJECTOR MOUNT ~ **5KG**

M&E REQUIREMENTS

- 1No. DSSO
- 2No. UCL NETWORK DATA
- 1No. SINGLE GANG - 47MM DEEP BACK BOX (AV SUPPLIER TO PROVIDE PLATE)
- HIGH LEVEL (ABOVE CEILING RAFT) CABLE TRAY / BASKET & CONTAINMENT

CONTAINMENT CABLE ROUTE FROM

- **TS-1** TO **DP-1** FOR 2No. AV P2P CAT6-A CABLES

MCR-1 - WIRELESS MICROPHONE ACCESS POINT

- 1No. SENNHEISER MCR4 ~ **0.7KG**
- MOUNTED TO FRONT WALL

M&E REQUIREMENTS

- 2No. CAT6-A POINT TO POINT (P2P) CABLING FROM TS-1 AV RACK POSITION TO MCR-1 WIRELESS ACCESS POINT
- 1No. SINGLE GANG - 47MM DEEP BACK BOX (AV SUPPLIER TO PROVIDE PLATE)
- HIGH LEVEL (ABOVE CEILING RAFT) CABLE TRAY / BASKET & CONTAINMENT

CONTAINMENT CABLE ROUTE FROM

- **TS-1** - TO **MCR-1** FOR 2No. AV P2P CAT6A CABLES

SPK-L WALL MOUNTED FRONT OF HOUSE (FoH) LOUDSPEAKER

- 1No. QSC AD-S6T 6.5" 2 WAY SURFACE MOUNTED LOUDSPEAKER ~ **6.2KG**

M&E REQUIREMENTS

- WALL PATTERESSING TO HOLD ABOVE STATED WEIGHT
- 1No. SINGLE GANG 47MM DEEP BACK BOX
- 18MM CONDUIT FROM BACK BOX TO CABLE TRAY / BASKET
- HIGH LEVEL ABOVE CEILING RAFT CABLE TRAY / BASKET

CONTAINMENT CABLE ROUTE FROM

- **TS-1** - FOR 1No. AV P2P AUDIO CABLE

MIC-1,2, & 3- CEILING MOUNTED/SUSPENDED MICROPHONES

- 3No. AUDIO TECHNICA PRO 45W CONDENSER HANGING MICROPHONE ~ 0.02KG
- 3No. SINGLE GANG (86MM X 86MM) INPUT PLATE (AV SUPPLIER TO PROVIDE)

M&E REQUIREMENTS FOR EACH MIC

- LOCAL PATTERESS ABOVE ACOUSTIC RAFT (IF REQUIRED)
- 1No. SINGLE GANG - 47MM DEEP BACK BOX
- CUT OUT IN PATTERESS AND ACOUSTIC RAFT FOR BACK BOX
- HIGH LEVEL (SLAB MOUNTED) CABLE TRAY / BASKET & CONTAINMENT

CONTAINMENT CABLE ROUTE FROM

- **TS-1** TO MIC-1,2, & 3 FOR 3No. AV P2P AUDIO CABLE

NOTE

- AV CABLE TYPES & ROUTING.
- FOR CONTAINMENT INFORMATION REFER TO ARK BUILD MEP DRAWING PACKAGE

SPK-R WALL MOUNTED FRONT OF HOUSE (FoH) LOUDSPEAKER

- 1No. QSC AD-S6T 6.5" 2 WAY SURFACE MOUNTED LOUDSPEAKER ~ **6.2KG**

M&E REQUIREMENTS

- WALL PATTERESSING TO HOLD ABOVE WEIGHT
- 1No. SINGLE GANG 47MM DEEP BACK BOX
- 18MM CONDUIT FROM BACK BOX TO CABLE TRAY / BASKET
- HIGH LEVEL ABOVE CEILING RAFT CABLE TRAY / BASKET

CONTAINMENT CABLE ROUTE FROM

- **TS-1** - FOR 1No. AV P2P AUDIO CABLE

WB-1 WALL MOUNTED WHITBOARD WRITING SURFACE

- 1No. TK-TEAM DELUX e3 PRO WHITEBOARD PRO TRIM - WHITE

REQUIRES:

- OVERALL SIZE **1510 (W) x 1210 (H) ~ 32KG**
- WALL PATTERESSING TO SUPPORT STATED LOAD

NOTE

- FOR M&E SET OUT DETAILS - SEE ARK BUILD MEP DRAWING No. E0250-23-05

PWR & DATA FROM DADO TRUNKING FOR TS-1 TEAMMATE VARIHITE 1200MM TEACHING STATION AV RACK

M&E REQUIREMENTS

- 2No. DSSO
- 4No. UCL NETWORK DATA

CABLING CONTAINMENT REQUIREMENTS:

- 1No. CAT6-A & 1No. AV P2P COAX/SDI CABLE FROM **TS-1** AV RACK LECTERN POSITION TO CEILING MOUNTED PTZ CAMERA
- 2No. CAT6-A POINT TO POINT (P2P) CABLING FROM **TS-1** AV RACK LECTERN POSITION TO CEILING MOUNTED PROJECTOR
- 1No. Ø2.5MM LOUDSPEAKER POINT TO POINT (P2P) CABLES FROM **TS-1** AV RACK LECTERN POSITION TO EACH TEACHING WALL SURFACE MOUNT LOUDSPEAKER
- 1No. Ø1.5MM LOUDSPEAKER POINT TO POINT (P2P) CABLE FROM **TS-1** AV RACK LECTERN POSITION TO **CSPK-Z1-1 & CSPK-Z1-2**
- 1No. Ø1.5MM LOUDSPEAKER POINT TO POINT (P2P) CABLE FROM **CSPK-Z1-1 TO CSPK-Z1-2**
- 1No. Ø1.5MM LOUDSPEAKER POINT TO POINT (P2P) CABLE FROM **TS-1** AV RACK LECTERN POSITION TO **CSPK-Z2-1 & CSPK-Z2-2**

NOTE

- BRAIDED SOCK TYPE FLOOR CONTAINMENT FROM NEW VERTICAL DADO TO UNDERSIDE OF TS-1 AV RACK TEAMMATE VARIHITE LECTERN
- FOR M&E SET OUT DETAILS - SEE ARK MEP DRAWING No. E0250-23-05

PB-1 - WALL MOUNTED PROJECTION BOARD

- 1No. TK-TEAM PRO BLACK WETWIPE PROJECTION BOARD - PRO TRIM BLACK

REQUIRES:

- OVERALL SIZE **2010 (W) x 1210 (H) ~ 34KG**
- WALL PATTERESSING TO SUPPORT STATED LOAD

TEACHING WALL PROJECTION
SCREEN FACING INTO ROOM
TOWARDS ENTRANCE DOOR

01 ROOM 23 - SOUTH WING - ELEVATION
1:25 @ A1

