CONTAINMENT LEGEND	
	MEDIUM DUTY RETURN FLANGE GALVANISED STEEL CABLE TRAY - AV CABLING
	HEAVY DUTY RETURN FLANGE GALVANISED STEEL CABLE TRAY - DATA CABLES
	HEAVY DUTY RETURN FLANGE GALVANISED STEEL CABLE TRAY - LIGHTING, POWER AND MECHANICAL CABLES
	MEDIUM DUTY RETURN FLANGE GALVANISED STEEL CABLE TRAY - FIRE ALARM CABLES
	MEDIUM DUTY RETURN FLANGE GALVANISED STEEL CABLE TRAY - FIBRE
	MEDIUM DUTY RETURN FLANGE GALVANISED STEEL CABLE TRAY - SUB-MAIN CABLES & EXTERNAL CONDENSERS

AUDIO/VISUAL LEGEND	
PTZ	CEILING MOUNTED AV CAMERA: (PTZ) - PAN TILT ZOOM
LS	RECESSED LOUDSPEAKER
M	MICROPHONE POSITION
DP	AV DISPLAY PANEL
MCS	MICROPHONE CHARGING STATION
RBP	ROOM BOOKING PANEL
SIP	SIGN-IN PANEL

ABBREVIATIONS
AC - ACCESS CONTROL POWER SUPPLY UNIT
ACP - ACCESS CONTROL PANEL
ACC - AIR CONDITIONING CONTROLLER
CO2 - CO2 SENSOR
SIP - SIGN-IN PANEL
CM - CEILING MOUNTED
DL - DIGITAL LOCK
DAP - DISABLED ALARM PANEL
DW - DISHWASHER
PH - ELECTRIC PANEL HEATER
EF - EXTRACT FAN
FARP - FIRE ALARM REPEATER PANEL
FC - FAN CONVECTOR
FD - FIRE DAMPER
FR - FRIDGE
HD - HAND DRYER
HRU - HEAT RECOVERY UNIT
HL - HIGH LEVEL - 2200MM AFFL
CM - HIGH LEVEL
HT - HOT TAP
HWH - HOT WATER HEATER
LL - LOW LEVEL - 450MM AFFL
SPN - SINGLE PHASE & NEUTRAL
WIFI - WIRELESS ACCESS POINT
WT - WORKTOP LEVEL - 1400MM AFFL
AV - AUDIO VISUAL
FD - FIRE DAMPER
HRU - HEAT RECOVERY UNIT
LLS - LANDLORD SYSTEM
L - LIFT

LIGHTING & LIGHTING CONTROL LEGEND	
'E' DENOTES 3 HOUR BATTERY BACK UP PROVIDED TO GENERAL LUMINAIRES	
A1	DIMMABLE DOWNLIGHT AS PER ANSELL 12.26W COMFORT EVO 3000K
A2	DIMMABLE DOWNLIGHT AS PER ANSELL 21W COMFORT EVO 3000K
A3	RECESSED DOWNLIGHT AS PER ANSELL 7W PRISM PRO DUAL WATTAGE ANTI GLARE
B1	CEILING MOUNTED DIMMABLE TRACK LIGHTING AS PER ANSELL 10.1W PRIMO SINGLE CIRCUIT WHITE
B2	CEILING MOUNTED DIMMABLE TRACK LIGHTING AS PER ANSELL 20.2W PRIMO SINGLE CIRCUIT WHITE
B3	CEILING MOUNTED DIMMABLE TRACK LIGHTING AS PER ANSELL 10.1W PRIMO SINGLE CIRCUIT BLACK
B4	CEILING MOUNTED DIMMABLE TRACK LIGHTING AS PER ANSELL 20.2W PRIMO SINGLE CIRCUIT BLACK
C1	PENDANT LIGHT AS PER ANSELL 10.44W RUBY PENDANT BLACK
D1	LINEAR LIGHT AS PER ANSELL 29.9W VASCO EVO BLACK 3000K
D2	LINEAR LIGHT AS PER ANSELL 22.1W VASCO EVO BLACK 3000K
E1	CEILING MOUNTED EMERGENCY AS PER ANSELL 2W FALCON PRO WHITE (OPEN AREA)
E2	RECESSED DOWNLIGHT AS PER ANSELL 2.5W SINGLE PRO EMERGENCY
E3	CEILING MOUNTED EMERGENCY AS PER ANSELL 2W FALCON PRO WHITE (ESCAPE ROUTE)
E4	WALL MOUNTED EXTERNAL EMERGENCY BULKHEAD LUMINAIRE AS PER ANSELL SWIFT
F	WARM WHITE 3000K LED STRIP LIGHTING - TO BE INTEGRATED INTO JOINERY
FL1	SUSPENDED 1315mm DIAMETER DIMMABLE HALO PENDANT AS PER HACEL LIGHTING EXPLORA HALO
FL2	SUSPENDED 840mm DIAMETER DIMMABLE HALO PENDANT AS PER HACEL LIGHTING EXPLORA HALO
FL3	PENDANT LIGHT AS PER LIGHTING STYLES SINGLE RIBBED TUBULAR PENDANT C/W REEDED BRASS FINISH
FL4	WALL MOUNTED FEATURE GLOBE LUMINAIRE AS PER HOUSE OF BRASS OPAL DISK WALL LIGHT
FL5	SUSPENDED DIMMABLE LINEAR LUMINAIRE AS PER LDL LIGHTING AMELIA SYSTEM
FL6	WALL MOUNTED FEATURE GLOBE LUMINAIRE AS PER LIGHTING & LAMPS CORD 3 LIGHT
	EMERGENCY EXIT SIGN - STRAIGHT AHEAD
	EMERGENCY EXIT SIGN - LEFT OR RIGHT
#	ONE WAY LIGHT SWITCH # DENOTES NUMBER OF GANGS
D	DIMMER LIGHT SWITCH
2D	2 GANG DIMMER LIGHT SWITCH
PD	PRESENCE DETECTOR
AD	360° ABSENCE DETECTOR

COMMUNICATIONS / DATA / TV LEGEND	
#D	DATA / COMMS OUTLET # DENOTES No. GANG
	FLOOR MOUNTED NETWORK CABINET

FIRE ALARM LEGEND	
	FIRE ALARM BREAKGLASS UNIT C/W PROTECTIVE COVER - RED
FARP	FIRE ALARM REPEATER PANEL
	FIRE ALARM XENON BEACON
# ON DETECTORS DENOTES THE FOLLOWING: S = SMOKE DETECTOR H = HEAT DETECTOR C = CARBON MONOXIDE DETECTOR M = MULTI-FUNCTIONAL DETECTOR	
	AUTOMATIC DETECTOR
	AUTOMATIC DETECTOR WITH ELECTRONIC SOUNDER BASE
	SMOKE DETECTOR WITH REMOTE INDICATOR IN CEILING VOID
	AUTOMATIC DETECTOR WITH ELECTRONIC SOUNDER BASE AND FLASHING BEACON
CVM	SMOKE DETECTOR WITH REMOTE INDICATOR IN CEILING VOID
FAI	FIRE ALARM INTERFACE

DISABLED ALARM LEGEND	
	DISABLED CALL CEILING PULLCORD SWITCH & REASSURANCE LIGHT
R	DISABLED RESET SWITCH & BUZZER
	DISABLED OVERDOOR LAMP UNIT & TONE GENERATOR
DAP	DISABLED CALL SYSTEM PANEL
DAIP	DISABLED ALARM INDICATOR PANEL

POWER LEGEND	
	13A TWIN SWITCHED SOCKET OUTLET
	13A TWIN USB SWITCHED SOCKET OUTLET
	13A SINGLE SWITCHED CLEANERS SOCKET
	13A FUSED SWITCHED CONNECTION UNIT
	13A FUSED UNSWITCHED CONNECTION UNIT
	SWITCHED SPUR LINKING TO UNSWITCHED SOCKET LOW LEVEL
#	SP&N SWITCH DISCONNECTOR (RATING AS INDICATED)
SP&N	SP&N BS4343 SOCKET, 16A 230V UNLESS OTHERWISE STATED
FB1	1 COMPARTMENT FLOOR BOX C/W SINGLE TWIN SWITCHED SOCKET OUTLET
	THREE PHASE DISTRIBUTION BOARD

SECURITY LEGEND	
CR	ACCESS SYSTEM CARD READER
	PUSH TO EXIT BUTTON
	EMERGENCY EXIT BREAK GLASS - GREEN
MAG	MAGNETIC LOCK
DL	MANUAL DIGITAL LOCK

LEGEND

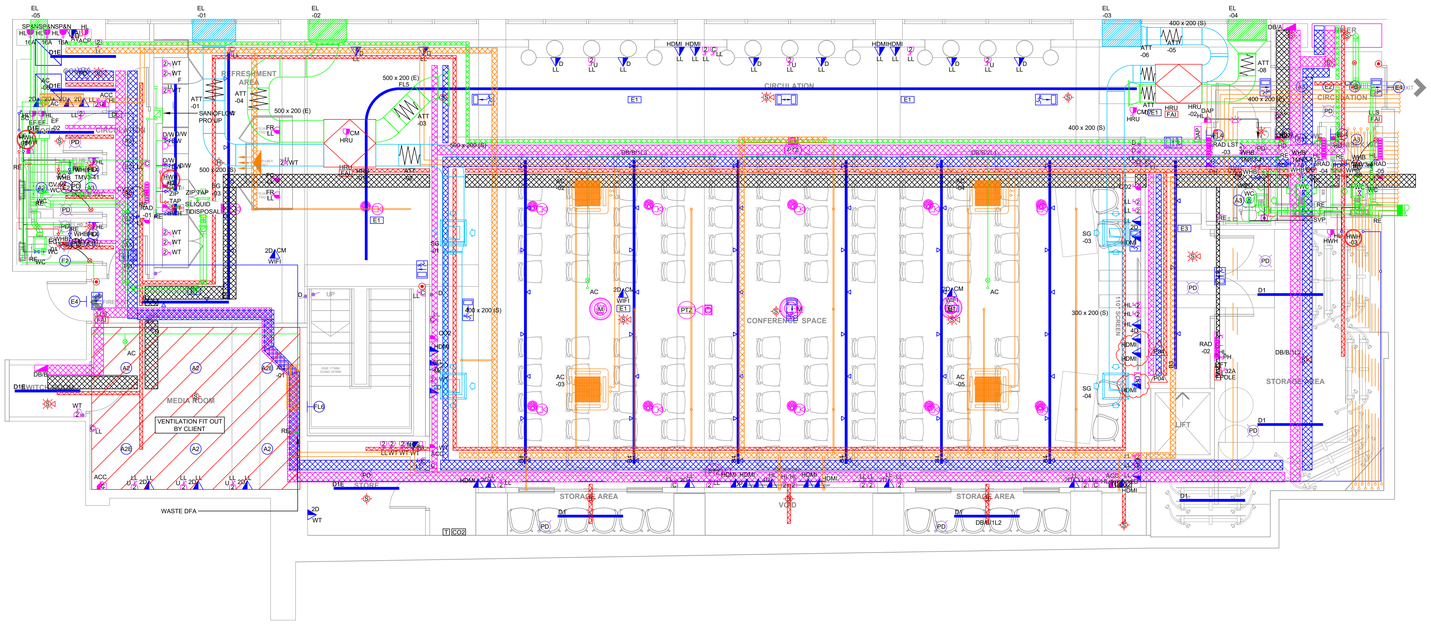
- SUPPLY GRILLE
- EXTRACT GRILLE
- FD - FIRE DAMPNER
- VCD - VOLUME CONTROL DAMPER
- FLEX DUCT
- ATT - ATTENUATOR
- CTA - CROSS TALK ATTENUATOR

LEGEND

- C - CONTROLLER
- RADIATOR
- CEILING MOUNTED AC CASSETTE
- WALL MOUNTED AC CASSETTE

LEGEND

- WHB TMV3-41 - WASH HAND BASIN
- D/W - DISH WASHER
- CONTROLLER



PRELIMINARY ISSUE

Rev	Date	Description
P01	11.06.26	Preliminary issue.

Project -
The Growth Company
90 Great Bridgewater Street,
Manchester, M1 5JW

Title -
Basement level
Mechanical & Electrical Services

Scale - 1:50 @ A0 | Design by - AW/BD

Date - 13.01.26 | Cad by - JGC

Drawing No. - 6485-KGA-00-B1-DR-ME-0103 | Revision - P01

KGA (UK) Ltd
Chartered Building Services Consulting Engineers
Trinity Chambers
10 Ivy Street
Birkenhead
Merseyside
CH41 5EF
T: 0151 647 5021
E: eng@kga.co.uk
W: www.kga.co.uk