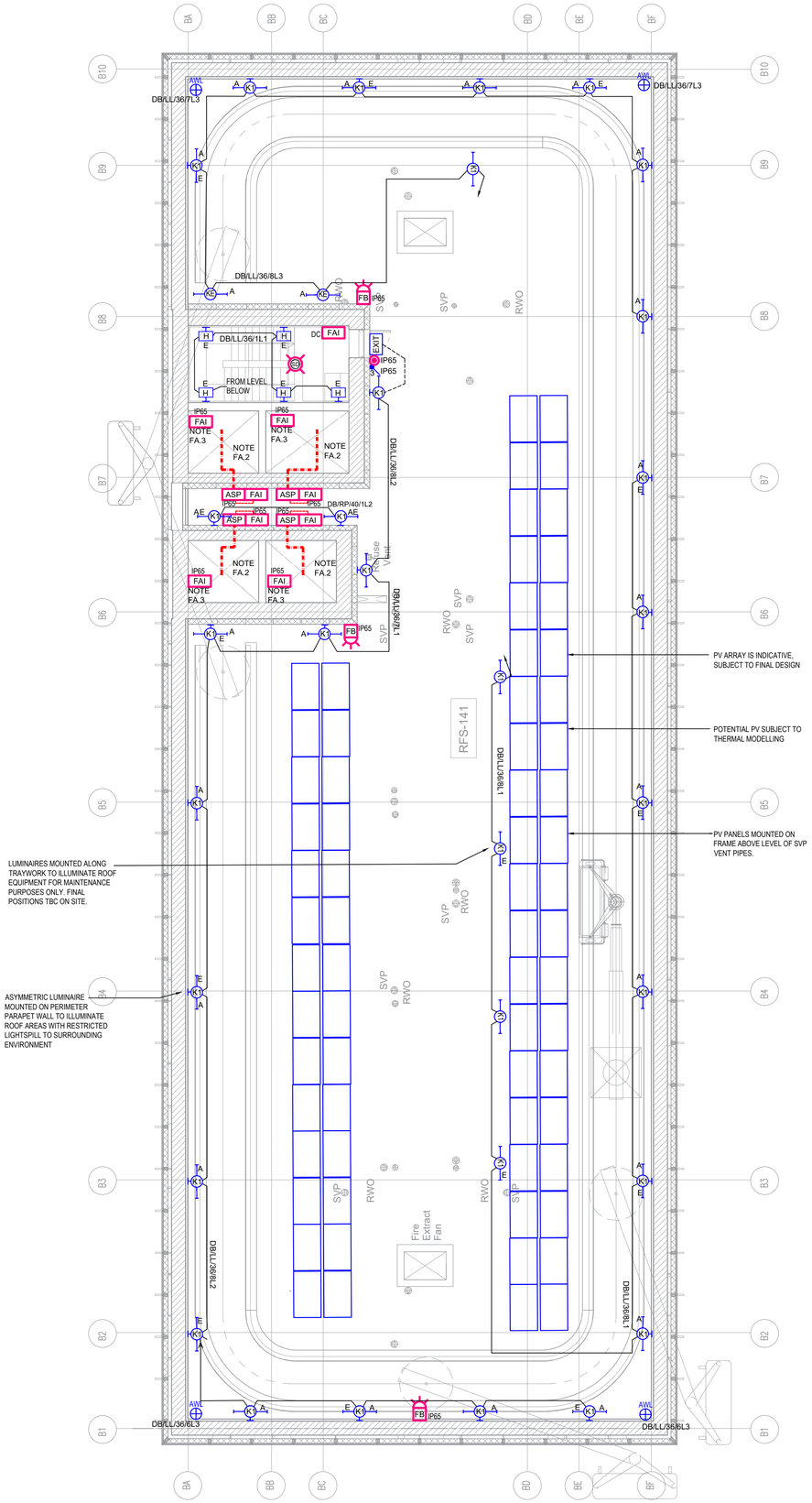


LIGHTING LEGEND

- AWL — AIRCRAFT WARNING LIGHT
- C — CIRCULAR, CEILING SURFACE LED DOWNLIGHT (GENERAL/CIRCULATION AREAS)
- D — CIRCULAR, CEILING RECESSED LED DOWNLIGHT (COMMUNAL AREA)
- E1 — OVERDOOR EMERGENCY IP65 SURFACE MOUNTED LINEAR LED LUMINAIRE
- F — CIRCULAR, RECESSED LED DOWNLIGHT IP65 RATED
- HE — WALL MOUNTED LED LUMINAIRE WITH 3HR EMERGENCY FACILITY (WITH INTEGRAL PIR)
- J — SURFACE MOUNTED BULKHEAD LED LUMINAIRE C/W INTEGRAL PIR
- K — IP65 SURFACE MOUNTED LINEAR LED LUMINAIRE SUFFIX 'A' DENOTES ASYMMETRIC DISTRIBUTION
- K1 — IP65 WALL MOUNTED LINEAR LED LUMINAIRE SUFFIX 'A' DENOTES ASYMMETRIC DISTRIBUTION
- X — 20A SINGLE POLE LIGHT SWITCH SUFFIX 'X' DENOTES THE NUMBER OF GANGS
- K — EMERGENCY LIGHTING TEST KEY SWITCH
- MCS — ENTRANCE/RECEPTION LIGHTING MASTER CONTROL STATION
- PD — LIGHTING PRESENCE DETECTOR (PIR) - LONG BEAM
- MW — MICROWAVE PRESENCE DETECTOR (PIR) - WALL / CEILING MOUNTED
- AD — ABSENCE DETECTOR (PIR) WITH PROTOCELL DIMMING
- EXIT — ILLUMINATED LED EMERGENCY EXIT SIGN, 3HR RATED
- ** — E DENOTES EMERGENCY 3 HOUR BATTERY BACKUP **
- CIRCUIT LINE
- SWITCH LINE

FIRE ALARM & DETECTION SYSTEM LEGEND

- FAP — FIRE ALARM PANEL
- FARP — FIRE ALARM REPEATER PANEL
- SD — SMOKE DETECTOR - CEILING MOUNTED
- SDS — SMOKE DETECTOR WITH SOUNDER - CEILING MOUNTED
- SDSB — SMOKE DETECTOR WITH SOUNDER & BEACON - CEILING MOUNTED
- HD — HEAT DETECTOR WITH SOUNDER - CEILING MOUNTED
- HDSB — HEAT DETECTOR WITH SOUNDER & BEACON - CEILING MOUNTED
- FB — FIRE ALARM BEACON & SOUNDER
- MANUAL CALL POINT (BREAK GLASS)
- APARTMENT INTERFACE UNIT TO LINK APARTMENT FIRE ALARM SYSTEM TO LANDLORD'S SYSTEM TO NOTIFY MAIN PANEL WHEN ALARM IS ACTIVATED
- FAI — FIRE ALARM INTERFACE
- ASP — ASPIRATING SMOKE DETECTION SYSTEM
- ASPIRATING SYSTEM PIPEWORK

DISABLED REFUGE ALARM LEGEND

- MDRP — MAIN DISABLED REFUGE PANEL
- DRRP — DISABLED REFUGE REPEATER PANEL
- DRP — DISABLED REFUGE PANEL / OUTSTATION

ACCESSIBLE W.C. ALARM LEGEND

- AC — ALARM CONTROLLER
- OVERDOOR INDICATOR / SOUNDER UNIT
- CEILING MOUNTED / PULL CORD / ALARM WITH HIGH & LOW LEVEL HANDLES
- R — ALARM RESET UNIT

LIGHTING NOTES

L1. REFER TO LUMINAIRE SCHEDULE FOR FURTHER DETAILS ON LUMINAIRES

L2. STAIR CONTROLLED VIA CONTACTOR . STAIR CONTROL ARRANGEMENT.
- BASEMENT, GROUND & MEZZANINE FLOOR
- LEVEL 1 TO 4
- THEN EVERY 6 FLOOR THEREAFTER

L3. REFER TO DISTRIBUTION BOARD SCHEDULE FOR CIRCUITING INFORMATION.

L4. EMERGENCY LIGHTING TEST KEY SWITCH LOCATION, FOR LANDLORDS AREA AT EACH FLOOR LEVEL. TEST KEY SWITCH SHALL BE PROVIDED PER LIGHTING CIRCUIT.

L5. AIR CRAFT WARNING LIGHTS AND REMOTE MONITORING PANEL TO BE WIRED FROM AIR CRAFT WARNING LIGHT PANEL IN ELV CABLING BY SPECIALIST.

FIRE ALARM NOTES

FA.1 FIRE ALARM TO INTERFACE WITH THE FOLLOWING:
- SPRINKLER SYSTEM
- 2No SMOKE VENT MOTORISED DAMPERS @ EACH LEVEL
- LIFT LOBBY AOV @ EACH LEVEL
- ALL ACCESS CONTROL

FA.2 ASPIRATING SYSTEM TO THE TOP OF LIFT SHAFTS

FA.3 FIRE ALARM INTERFACES SHALL BE CO-ORDINATED WITH LIFT CONTROL PANEL

FA.4 AUTOMATIC DETECTION LOCATED OUTSIDE THE DOORS OF APARTMENTS CLOSES TO THE STAIRS, IN ACCORDANCE WITH THE FIRE STRATEGY.

FA.5 NON AUTOMATICALLY OPERATED ALARM SOUNDERS PROVIDED IN COMMON CORRIDORS IN ACCORDANCE WITH FIRE STRATEGY, SUBJECT TO CLIENT/OPERATOR APPROVAL.

ABBREVIATIONS

AOV - AUTOMATIC OPENING VENT
SVD - SMOKE VENT DAMPER
LA - LANDLORD/APARTMENTS
CV - LOCATED WITHIN CEILING VOID
IP - INDICATES IP RATING OF EQUIPMENT
DC - DOOR CONTROLLER
WM - WALL MOUNTED
HL - HIGH LEVEL

GENERAL NOTES

1. DO NOT SCALE FROM THIS DRAWING
2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED
3. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL, STRUCTURAL AND MEP DRAWINGS, DOCUMENTS, SPECIFICATIONS AND CONTRACT DOCUMENTS.

ARCHITECTS DRAWING
XREF : OBASE-10333-SHP-ZB-RF-PL-A-0240-001
ZONE_B -CA PLAN - ROOF LEVEL rev P05
DATE X-REF CREATED : 22-03-2022

SCALE 1:100
1 0 1 2 3 4 5 m

VERSION	DRWN	CHKD	AUTH	REASON FOR ISSUE	DATE
-	RB	CN	-	AS FITTED	28.03.2024
CO1	AS FITTED				
SUITABILITY CODE	SUITABILITY DESCRIPTION				

Matic Building Services
Douglas House
Green Street
Wigan
WN3 4DQ

ASK / SALBOY

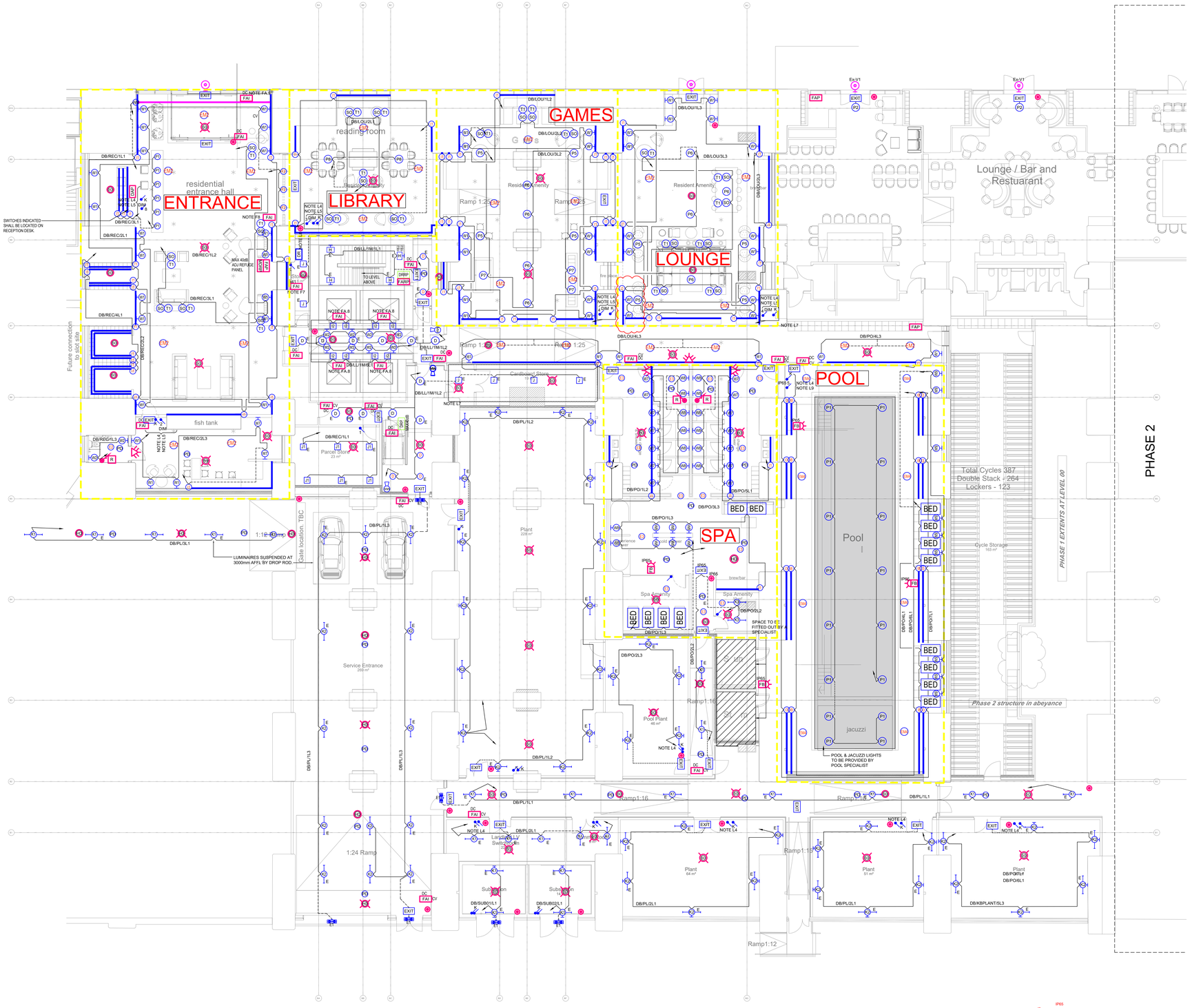
VIADUX

ELECTRICAL SERVICES

LIGHTING & FRE ALARM LAYOUT

ROOF LEVEL

SCALE	SHEET SIZE
1:100	A1
DRAWING NUMBER	REVISION
5013698-RDG-ZB-40-PL-E-0108	CR1



LIGHTING LEGEND

- H1 — LED, WALL / PICTURE LIGHT / LUMINAIRE
- C1 — CIRCULAR, CEILING SURFACE LED DOWNLIGHT (GENERAL/CIRCULATION AREAS)
- P1 — LED, PENDANT LUMINAIRE
- C2 — CIRCULAR, CEILING RECESSED LED DOWNLIGHT (COMMUNAL AREA)
- C3 — CIRCULAR, CEILING RECESSED LED DOWNLIGHT (COMMUNAL AREA)
- C4 — CIRCULAR, LED FLOOR LIGHT
- EXIT — ILLUMINATED LED EMERGENCY EXIT SIGN, 3HR RATED
- OD — OVERDOOR NON-MAINTAINED EMERGENCY IP65 SURFACE MOUNTED LINEAR LED LUMINAIRE
- Ex/V1 — OVERDOOR IP65 SURFACE MOUNTED LED LUMINAIRE
- E1 — LED 3HR RATED EMERGENCY DOWNLIGHT WITH OPEN PLAN OPTIC - NON MAINTAINED
- E2 — LED 3HR RATED EMERGENCY DOWNLIGHT WITH OPEN PLAN OPTIC - NON MAINTAINED - IP65 RATED
- LX1 — SURFACE MOUNTED MAINTAINED / LED EMERGENCY LUMINAIRE WITH OPEN PLAN OPTIC
- LX2 — SURFACE MOUNTED NON MAINTAINED / LED EMERGENCY LUMINAIRE WITH CORRIDOR / ESCAPE ROUTE OPTIC
- LX3 — SURFACE MOUNTED NON MAINTAINED / LED EMERGENCY LUMINAIRE WITH OPEN AREA OPTIC - IP65
- F1 — LED, 9 LINES, WITH 6 PROFILES IN EACH LINE
- F2 — FLOOR RECESSED CIRCULAR UPLIGHT LED LUMINAIRE
- H — WALL MOUNTED LED LUMINAIRE (WITH INTEGRAL PIR)
- D — FLEXIBLE LED STRIP
- D1 — REALITY SERIES LED STRIP
- D2 — FLEXIBLE LED STRIP - IP65 & CHLORINE RESISTANT
- D3 — LINEAR LED LIGHTING STRIP - FOR INDIRECT LIGHTING WITHIN CEILING RAFT
- D4 — LED STRIP LIGHT WITHIN EXTRUSION CINEMA ROOM
- D5 — LED STRIP LIGHT WITH EXTRUSION FOR KARAOKE ROOM
- J — LED FLOOR RECESSED LINEAR FLOOR LIGHT WITH IP68 HOUSING - CHLORINE RESISTANT
- J1 — SURFACE MOUNTED BULKHEAD LED LUMINAIRE C/W INTEGRAL PIR
- J2 — SURFACE MOUNTED BULKHEAD LED LUMINAIRE
- XO1 — IP65 SURFACE MOUNTED LINEAR LED LUMINAIRE SUFFIX 'A' DENOTES ASYMMETRIC DISTRIBUTION
- XO2 — IP65 SURFACE MOUNTED LINEAR LED LUMINAIRE SUFFIX 'A' DENOTES ASYMMETRIC DISTRIBUTION
- XO3 — IP65 SURFACE MOUNTED LINEAR LED BOX LUMINAIRE
- L1 — CIRCULAR, CEILING RECESSED LED DOWNLIGHT
- N1 — RECESSED/SEMI-RECESSED MODULAR LED LUMINAIRE
- P1 — LED, PENDANT / LUMINAIRE
- P2 — LED, PENDANT / LUMINAIRE
- P3 — LED, PENDANT / LUMINAIRE
- P4 — LED, PENDANT / LUMINAIRE - (BAR TOP)
- P5 — MULTI LED, PENDANT / LUMINAIRE GLOBE PENDANT
- P6 — LED, PENDANT / LUMINAIRE
- P7 — LED, PENDANT / LUMINAIRE
- P8 — LED, PENDANT / LUMINAIRE MULTI GLOBE HALO PENDANT
- S1A — LINEAR SUSPENDED LUMINAIRE 6000mm LONG
- S1A — LINEAR SUSPENDED LUMINAIRE 6000mm LONG WITH INTEGRAL 3HR EMERGENCY MODUAL & LUMINAIRE
- S1B — LINEAR SUSPENDED LUMINAIRE 7400mm LONG
- S1B — LINEAR SUSPENDED LUMINAIRE 7400mm LONG WITH INTEGRAL 3HR EMERGENCY MODUAL & LUMINAIRE
- S1C — LINEAR LED SUSPENDED LUMINAIRE 9000mm LONG
- S1C — LINEAR LED SUSPENDED LUMINAIRE 9000mm LONG WITH INTEGRAL 3HR EMERGENCY MODUAL & LUMINAIRE
- T1 — TABLE TOP LUMINAIRE
- W — WALL MOUNTED TRACK SPOT LIGHTING SYSTEM C/W SPOT LIGHTS (No. OF SPOT LIGHTS TO BE CONFIRMED BY INTERIOR DESIGNER
- W1 — LED WALL LIGHT / LUMINAIRE C/W LINEAR ARM
- W2 — LED WALL LIGHT / LUMINAIRE C/W GLOBE TOP DIFFUSER
- W3 — LED WALL LIGHT / LUMINAIRE
- W4 — LED WALL LIGHT / LUMINAIRE
- W5 — LED WALL LIGHT / LUMINAIRE
- W6 — LED WALL LIGHT / LUMINAIRE GIMBAL SPOT LIGHT - IP65
- W7 — LED WALL LIGHT / LUMINAIRE C/W LINEAR ARM - IP65
- W8 — LED WALL LIGHT / LUMINAIRE C/W LINEAR ARM - IP65
- BED — ILLUMINATED TRANSPARENT BED - IP65
- SO — 5A ROUND PIN SOCKET OUTLET FOR TABLE LAMP (SEE SMALL POWER LAYOUT)
- P1 — RECESSED CIRCULAR SPOT POOL LIGHT - IP68 CHLORINE RESISTANT LUMINAIRE, DETAILS TBC BY POOL SPECIALIST
- X — 20A SINGLE POLE LIGHT SWITCH SUFFIX 'X' DENOTES THE NUMBER OF GANG
- X — 2 WAY LIGHT SWITCH SUFFIX 'X' DENOTES THE NUMBER OF GANG
- DIM — 1 WAY LIGHT SWITCH, DIMMABLE (* DENOTES GANG)
- DIM — 2 WAY LIGHT SWITCH, DIMMABLE (* DENOTES GANG)
- K — EMERGENCY LIGHTING TEST KEY SWITCH
- RACS — ENTRANCE/RECEPTION LIGHTING MASTER CONTROL STATION
- LX — LIGHTING PRESENCE DETECTOR (PIR)
- MX — MICROWAVE PRESENCE DETECTOR (PIR) - WALL / CEILING MOUNTED
- MX — ABSENCE DETECTOR (PIR) WITH PROTOCELL DIMMING
- ** — E DENOTES EMERGENCY 3 HOUR BATTERY BACKUP **
- CIRCUIT LINE
- SWITCH LINE

FIRE ALARM & DETECTION SYSTEM LEGEND

- FAP — FIRE ALARM PANEL
- FARP — FIRE ALARM REPEATER PANEL
- S — SMOKE DETECTOR - CEILING MOUNTED
- S — SMOKE DETECTOR WITH SOUNDER - CEILING MOUNTED
- S — SMOKE DETECTOR WITH SOUNDER & BEACON - CEILING MOUNTED
- H — HEAT DETECTOR WITH SOUNDER - CEILING MOUNTED
- H — HEAT DETECTOR WITH SOUNDER & BEACON - CEILING MOUNTED
- FB — FIRE ALARM BEACON & SOUNDER
- MANUAL CALL POINT (BREAK GLASS)
- APARTMENT INTERFACE UNIT TO LINK APARTMENT FIRE ALARM SYSTEM TO LANDLORD'S SYSTEM TO NOTIFY MAIN PANEL WHEN ALARM IS ACTIVATED
- FAI — FIRE ALARM INTERFACE
- ASP — ASPIRATING SMOKE DETECTION SYSTEM
- ASPIRATING SYSTEM PIPEWORK

DISABLED REFUGE ALARM LEGEND

- MDRP — MAIN DISABLED REFUGE PANEL
- DRRP — DISABLED REFUGE REPEATER PANEL
- DRP — DISABLED REFUGE PANEL / OUTSTATION

ACCESSIBLE W.C. ALARM LEGEND

- AC — ALARM CONTROLLER
- OVERDOOR INDICATOR / SOUNDER UNIT
- CEILING MOUNTED / PULL CORD / ALARM WITH HIGH & LOW LEVEL HANDLES
- R — ALARM RESET UNIT
- DAP — DISABLED ALARM PANEL

GENERAL LIGHTING AND LUMINAIRES IN SPACES DENOTED BY YELLOW DASHED LINE ARE AS PER THE ASPIRATIONS OF THE INTERIOR DESIGNER. NO TECHNICAL INFORMATION OR PHOTOMETRICS DATA IS AVAILABLE TO VALIDATE THE DESIGN. SPECIALIST LIGHTING DESIGNER REQUIRED TO ASCERTAIN SUITABILITY OF SELECTED LUMINAIRES AND COMPLIANCE WITH RELEVANT LIGHTING DESIGN GUIDANCE AND REGULATIONS. LIGHTING CIRCUITS TO BE VALIDATED BY DESIGN ENGINEER FOLLOWING LIGHTING DESIGN BY SPECIALIST.

ARCHITECTS' DRAWING
XREF : 0MADE-HA-01-02-2200

DATE X-REF CREATED : 16-12-2022

SCALE 1:100

GENERAL NOTES

1. DO NOT SCALE FROM THIS DRAWING
2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED
3. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL, STRUCTURAL AND MEP DRAWINGS, DOCUMENTS, SPECIFICATIONS AND CONTRACT DOCUMENTS.

LIGHTING NOTES

L1. REFER TO LUMINAIRE SCHEDULE FOR FURTHER DETAILS ON LUMINAIRES
L2. STAIR CONTROLLED VIA CONTACTOR.
STAIR CONTROL ARRANGEMENT:
- BASEMENT, GROUND & MEZZANINE FLOOR
- LEVEL 1 TO 4
- THEN EVERY 6 FLOOR THEREAFTER

L3. REFER TO DISTRIBUTION BOARD SCHEDULE FOR CIRCUITING INFORMATION.
L4. EMERGENCY LIGHTING TEST KEY SWITCH LOCATION, Yes. REQUIRED PER EACH EMERGENCY LIGHTING CIRCUIT.
L5. THE LIGHT SWITCH LOCATIONS FOR THE FRONT OF HOUSE AREAS ARE INDICATIVE, & ARE REQUIRED TO BE DISCUSSED AND AGREED WITH THE PROJECT ADMINISTRATOR.
L6. THE LED STRIP SHALL BE ROUTED AROUND THE INTERIOR OF THE ARCH WAYS FROM TOP TO BOTTOM & AROUND THE PERIMETER OF THE ROOM. FURTHER REFER TO THE INTERIOR DESIGNERS PACK FOR DETAILS.
L7. CEILING TYPE/HEIGHT TO BE ADVISED. LIGHTING DESIGN IS INDICATIVE AND SUBJECT TO REVIEW.
L8. LED DRIVER TO SUPPLY THE RECEPTION LIGHT FITTINGS REF "I1". CABLE FROM DRIVER TO BE CAT 5/6 IN ACCORDANCE WITH MANUFACTURES RECOMMENDATION.
L9. THE LIGHT SWITCH LOCATIONS FOR THE POOL AREA ARE INDICATIVE, & ARE REQUIRED TO BE DISCUSSED AND AGREED WITH THE PROJECT ADMINISTRATOR
L10. ALL LUMINAIRES IN THE SWIMMING POOL AND ROOMS OPEN TO THE SWIMMING POOL SHALL BE CHLORINE RESISTANT
L11. ALL LIGHT SWITCHES IN THE FRONT OF HOUSE AREAS SHALL BE INSTALLED IN A DISCRETE LOCKABLE ENCLOSURE
L12. COLOUR OUTPUT AND RENDERING TEMPERATURE OF LEDS TO BE AGREED WITH INTERIOR DESIGNER/ ARCHITECT.
L13. CIRCUITING IS INDICATIVE ONLY AS WATTAGE OF LUMINAIRES IS CURRENTLY UNKNOWN. LIGHTING CIRCUITS TO BE LOADED UP TO 5AMP MAX.
L14. FOR ILLUMINATED BEDS PROVIDE AN IP65 COMMANDO SOCKET OUTLET FOR CONNECTION TO LIGHTING CIRCUIT
L15. FOR TABLE LAMPS, PROVIDE CIRCULAR PIN LIGHTING SOCKET IN FLOOR RECESSED SOCKET C/W DISABLE SPRING LOADED FLAP BELOW INSTALLATION SURFACE.
L16. EMERGENCY LIGHTING AND DIRECTIONAL SIGNAGE IN THE AMENITY SPACES TO BE MAINTAINED AS PER THE REQUIREMENT FOR A LICENSED PREMISES.

FIRE ALARM NOTES

FA.1 FIRE ALARM TO INTERFACE WITH THE FOLLOWING:
- SPRINKLER SYSTEM
- 2No SMOKE VENT MOTORISED DAMPERS @ EACH LEVEL
- LIFT LOBBY AOV @ EACH LEVEL
- ALL ACCESS CONTROL

FA.2 ASPIRATING SYSTEM TO THE TOP OF LIFT SHAFTS
FA.3 FIRE ALARM INTERFACES SHALL BE COORDINATED WITH LIFT CONTROL PANEL
FA.4 AUTOMATIC DETECTION LOCATED OUTSIDE THE DOORS OF APARTMENTS CLOSES TO THE STAIRS, IN ACCORDANCE WITH THE FIRE STRATEGY
FA.5 NON AUTOMATICALLY OPERATED ALARM SOUNDERS PROVIDED IN COMMON CORRIDORS IN ACCORDANCE WITH FIRE STRATEGY, SUBJECT TO CLIENT/OPERATOR APPROVAL
FA.6 THE FIRE ALARM SYSTEM WITHIN THE FOLLOWING AREAS SHALL EACH BE ON THEIR OWN ZONE AND SHALL INTERFACE AND NETWORK WITH MANCHESTER CENTRAL FIRE ALARM SYSTEM
- MANCHESTER CENTRAL RECYCLING STORE
- SECURITY GATEHOUSE
- MANCHESTER CENTRAL SERVICE YARD.

FA.7 THE FIRE ALARM INTERFACES SHALL BE CO-ORDINATED WITH THE SMOKE VENTILATION SYSTEM, "HEART UNIT, AS PROPOSED BY 'CULT' AND IS SUBJECT TO REVIEW AND DEVELOPMENT
FA.8 FIRE ALARM INTERFACE SHALL BE COORDINATED WITH FIRE CURTAINS IN ACCORDANCE WITH THE FIRE STRATEGY
FA.9 BOTH DOORS MUST FAIL SAFE INTO THE OPEN POSITION TO PROVIDE SMOKE VENTILATION INTO THE ENTRANCE LOBBY AND TO SERVE AS A MEANS OF ESCAPE ROUTE.
BOTH DOORS MUST BE OPENED IN ANY OF THE FOLLOWING EVENTS:
- SMOKE DETECTION IN THE RESIDENTIAL ENTRANCE LOBBY
- ALARM IN THE GROUND FLOOR
- SYSTEM ERROR
- POWER OUTAGE

FIRE STRATEGY

FIRE STRATEGY (FS) REQUIRES UPDATING IN ORDER TO ACCOMMODATE AND REFLECT CHANGES TO GROUND FLOOR AREAS.
SERVICES MAY REQUIRE ENSURE/USING AS A RESULT OF UPDATED FS INCLUDE FIRE ALARM, EMERGENCY/ESCAPE LIGHTING AND SECURITY SYSTEM.

ABBREVIATIONS

AOV - AUTOMATIC OPENING VENT.
AWL - AIRCRAFT WARNING LIGHTING MONITOR
AV - AUDIO VISUAL
CV - LOCATED WITHIN CEILING VOID
DAP - DISABLED ALARM PANEL
DC - DOOR CONTROLLER
HL - HIGH LEVEL
IP - INDICATES IP RATING OF EQUIPMENT
LA - LANDLORD/APARTMENTS (" SELECT TO REVIEW / DEVELOPMENT)
SVD - SMOKE VENT DAMPER
WM - WALL MOUNTED

VERSION	DRWN	CHKD	AUTH	REASON FOR ISSUE	DATE
-	RB	CN	-	AS FITTED	28.03.2024
CR1				AS FITTED	

SUITABILITY CODE	SUITABILITY DESCRIPTION

Matic Building Services
Douglas House
Green Street
Wigan
WN3 4DQ

AS FITTED

VIADUX

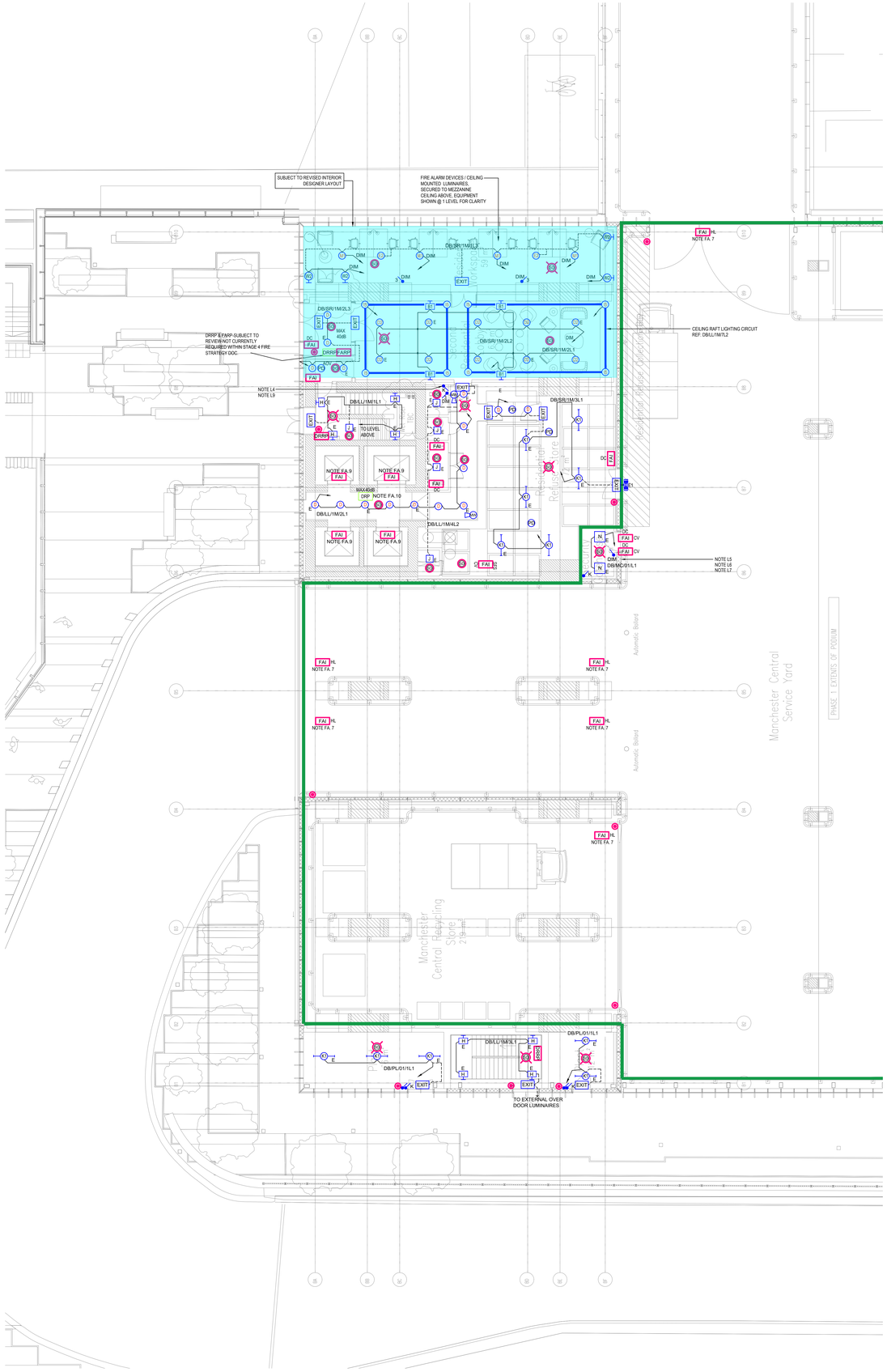
ELECTRICAL SERVICES

LIGHTING & FIRE ALARM LAYOUT

GROUND FLOOR

SCALE	SHEET SIZE
1:100	A0

DRAWING NUMBER	REVISION
5013698-RDG-ZB-00-PL-E-0100	CR1



LIGHTING LEGEND

- LED, WALL / PICTURE LIGHT / LUMINAIRE
- CIRCULAR, CEILING SURFACE LED DOWNLIGHT (GENERAL/CIRCULATION AREAS)
- LED, PENDANT LUMINAIRE
- CIRCULAR, CEILING RECESSED LED DOWNLIGHT (COMMUNAL AREA)
- CIRCULAR, CEILING RECESSED LED DOWNLIGHT (COMMUNAL AREA)
- EXIT — ILLUMINATED LED EMERGENCY EXIT SIGN, 3HR RATED
- EL — OVERDOOR EMERGENCY IP65 SURFACE MOUNTED LINEAR LED LUMINAIRE
- LED 3HR RATED EMERGENCY DOWNLIGHT WITH OPEN PLAN OPTIC - NON MAINTAINED
- A2 — SURFACE MOUNTED NON MAINTAINED / LED EMERGENCY LUMINAIRE WITH OPEN PLAN OPTIC
- A3 — SURFACE MOUNTED NON MAINTAINED / LED EMERGENCY LUMINAIRE WITH CORRIDOR / ESCAPE ROUTE OPTIC
- F1 — LED, 9 LINES, WITH 6 PROFILES IN EACH LINE
- WALL MOUNTED LED LUMINAIR (WITH INTEGRAL PIR)
- NEON FLEX LED STRIP
- REALITY SERIES LED STRIP
- LINEAR LED LIGHTING STRIP - FOR INDIRECT LIGHTING WITHIN CEILING RAFT
- LED STRIP LIGHT WITHIN EXTRUSION CINEMA ROOM
- LED STRIP LIGHT WITH EXTRUSION FOR KARAOKE ROOM
- SURFACE MOUNTED BULKHEAD LED LUMINAIRE C/W INTEGRAL PIR
- SURFACE MOUNTED BULKHEAD LED LUMINAIRE
- K1 — IP65 SURFACE MOUNTED LINEAR LED LUMINAIRE SUFFIX 'A' DENOTES ASYMMETRIC DISTRIBUTION
- K2 — IP65 SURFACE MOUNTED LINEAR LED LUMINAIRE SUFFIX 'A' DENOTES ASYMMETRIC DISTRIBUTION
- CIRCULAR, CEILING RECESSED LED DOWNLIGHT
- M1 — LED, PENDANT LUMINAIRE
- M2 — LED, PENDANT LUMINAIRE
- N — RECESSED/SEMI-RECESSED MODULAR LED LUMINAIRE
- N1 — RECESSED/SEMI-RECESSED MODULAR LED LUMINAIRE.
- P1 — LED, PENDANT / LUMINAIRE
- P2 — LED, PENDANT / LUMINAIRE
- P3 — LED, PENDANT / LUMINAIRE
- P4 — LED, PENDANT / LUMINAIRE - (BAR TOP)
- S1A — LINEAR SUSPENDED LUMINAIRE 6000mm LONG
- S1A — LINEAR SUSPENDED LUMINAIRE 6000mm LONG WITH INTEGRAL 3HR EMERGENCY MODULE & LUMINAIRE
- S1B — LINEAR SUSPENDED LUMINAIRE 7400mm LONG
- S1B — LINEAR SUSPENDED LUMINAIRE 7400mm LONG WITH INTEGRAL 3HR EMERGENCY MODULE & LUMINAIRE
- S1C — LINEAR LED SUSPENDED LUMINAIRE 9000mm LONG
- S1C — LINEAR LED SUSPENDED LUMINAIRE 9000mm LONG WITH INTEGRAL 3HR EMERGENCY MODULE & LUMINAIRE
- T1 — SUSPENDED PENDANT / LUMINAIRE
- W1 — LED WALL LIGHT / LUMINAIRE
- W2 — LED WALL LIGHT / LUMINAIRE
- W3 — LED WALL LIGHT / LUMINAIRE
- W4 — LED WALL LIGHT / LUMINAIRE
- W5 — LED WALL LIGHT / LUMINAIRE
- W6 — LED WALL LIGHT / LUMINAIRE
- A — 20A SINGLE POLE LIGHT SWITCH SUFFIX 'A' DENOTES THE NUMBER OF GANG
- 2 WAY LIGHT SWITCH SUFFIX 'A' DENOTES THE NUMBER OF GANG
- DM — 1 WAY LIGHT SWITCH, DIMMABLE (* DENOTES GANG)
- DM — 2 WAY LIGHT SWITCH, DIMMABLE (* DENOTES GANG)
- K — EMERGENCY LIGHTING TEST KEY SWITCH
- MCS — ENTRANCE/RECEPTION LIGHTING MASTER CONTROL STATION
- PIR — LIGHTING PRESENCE DETECTOR (PIR)
- MW — MICROWAVE PRESENCE DETECTOR (PIR) - WALL / CEILING MOUNTED
- ABS — ABSENCE DETECTOR (PIR) WITH PROTOCELL DIMMING
- ** — E DENOTES EMERGENCY 3 HOUR BATTERY BACKUP **
- CIRCUIT LINE
- SWITCH LINE

FIRE ALARM & DETECTION SYSTEM LEGEND

- FAP — FIRE ALARM PANEL
- FARP — FIRE ALARM REPEATER PANEL
- SMOKE DETECTOR - CEILING MOUNTED
- SMOKE DETECTOR WITH SOUNDER - CEILING MOUNTED
- SMOKE DETECTOR WITH SOUNDER & BEACON - CEILING MOUNTED
- HEAT DETECTOR WITH SOUNDER - CEILING MOUNTED
- HEAT DETECTOR WITH SOUNDER & BEACON - CEILING MOUNTED
- FB — FIRE ALARM BEACON & SOUNDER
- MANUAL CALL POINT (BREAK GLASS)
- APARTMENT INTERFACE UNIT TO LINK APARTMENT FIRE ALARM SYSTEM TO LANDLORD'S SYSTEM TO NOTIFY MAIN PANEL WHEN ALARM IS ACTIVATED
- FAI — FIRE ALARM INTERFACE
- ASP — ASPIRATING SMOKE DETECTION SYSTEM
- ASPIRATING SYSTEM PIPEWORK

DISABLED REFUGE ALARM LEGEND

- MDRP — MAIN DISABLED REFUGE PANEL
- DRRP — DISABLED REFUGE REPEATER PANEL
- DRP — DISABLED REFUGE PANEL / OUTSTATION

ACCESSIBLE W.C. ALARM LEGEND

- AC — ALARM CONTROLLER
- OVERDOOR INDICATOR / SOUNDER UNIT
- CEILING MOUNTED / PULL CORD / ALARM WITH HIGH & LOW LEVEL HANDLES
- R — ALARM RESET UNIT

LIGHTING NOTES

L1. REFER TO LUMINAIRE SCHEDULE FOR FURTHER DETAILS ON LUMINAIRES

L2. STAIR CONTROLLED VIA CONTACTOR. STAIR CONTROL ARRANGEMENT
- BASEMENT, GROUND & MEZZANINE FLOOR
- LEVEL 1 TO 4
- THEN EVERY 6 FLOOR THEREAFTER

L3. REFER TO DISTRIBUTION BOARD SCHEDULE FOR CIRCUITING INFORMATION.

L4 EMERGENCY LIGHTING TEST KEY SWITCH LOCATION FOR LANDLORD'S AREA AT EACH FLOOR LEVEL. TEST KEY SWITCH SHALL BE PROVIDED PER LIGHTING CIRCUIT.

L5. ALL GENERAL LIGHTING LUMINAIRES WITHIN THE CURTILAGE OF MANCHESTER CENTRAL, LOCATED UNDERNEATH THE PODIUM SLAB, SHALL BE SWITCH / CONTACTOR CONTROLLED FROM WITHIN THE SECURITY OFFICE / GATEHOUSE.

L6. ALL EMERGENCY LIGHTING LUMINAIRES WITHIN THE CURTILAGE OF MANCHESTER CENTRAL LOCATED UNDER THE PODIUM SLAB. THIS DRAWING SHALL BE PROVIDED WITH "TEST KEY SWITCH LOCATED WITHIN THE SECURITY OFFICE / GATEHOUSE.

L7. SECURITY GATEHOUSE LIGHTING SHALL BE DIMMABLE LED "DSI" CONTROLLED.

L8. THE LIGHT SWITCH LOCATIONS FOR THE FRONT OF HOUSE AREAS ARE TO BE DISCUSSED & AGREED WITH THE PROJECT ADMINISTRATOR.

L9. LIGHT SWITCHES FOR SECOND RESIDENTIAL LOBBY LIGHTING, LOCATED IN RISER.

LIGHTING NOTES CONTINUED

L10. EMERGENCY LIGHTS TO ILLUMINATE THE ESCAPE ROUTE IN ACCORDANCE WITH THE FIRE STRATEGY.

FIRE ALARM NOTES

FA.1 FIRE ALARM TO INTERFACE WITH THE FOLLOWING:
- SPRINKLER SYSTEM
- (No.) SMOKE VENT MOTORISED DAMPERS @ EACH LEVEL
- LIFT LOBBY AOV @ EACH LEVEL
- ALL ACCESS CONTROL

FA.2 ASPIRATING SYSTEM TO THE TOP OF LIFT SHAFTS

FA.3 FIRE ALARM INTERFACES SHALL BE CO-ORDINATED WITH LIFT CONTROL PANEL

FA.4 AUTOMATIC DETECTION LOCATED OUTSIDE THE DOORS OF APARTMENTS CLOSES TO THE STAIRS. IN ACCORDANCE WITH THE FIRE STRATEGY.

FA.5 NON AUTOMATICALLY OPERATED ALARM SOUNDERS PROVIDED IN COMMON CORRIDORS IN ACCORDANCE WITH FIRE STRATEGY, SUBJECT TO CLIENT/OPERATOR APPROVAL.

FA.6 THE FIRE ALARM SYSTEM WITHIN THE FOLLOWING AREAS SHALL EACH BE ON THEIR OWN ZONE AND SHALL INTERFACE AND NETWORK WITH MANCHESTER CENTRAL FIRE ALARM SYSTEM
- MANCHESTER CENTRAL RECYCLING STORE
- SECURITY GATEHOUSE
- MANCHESTER CENTRAL SERVICE YARD

FIRE ALARM NOTES CONTINUED

FA.7 FIRE ALARM INTERFACES FOR SERVICE YARD VEHICLE GATES AND BOLLARDS, FORMING PART OF THE ESCAPE ROUTE. PRECISE DETAILS TO BE CONFIRMED UPON CONFIRMATION OF SERVICE GATE AND BOLLARD SPECIFICATION.

FA.8 A FIRE SERVICE MANUAL OVERIDE SYSTEM SHALL BE PROVIDED TO UNLOCK THE GATES (SERVICE YARD AND TRAFFORD STREET GATES), IN THE FORM OF A FIREMANS KEY OR AN AGREED ENTRY CODE WITH THE FIRE SERVICE. THE END SOLUTION SHALL BE AGREED WITH GREATER MANCHESTER FIRE AND RESCUE SERVICE (GMFRS) AND THE FIRE STRATEGY.

FA.9 FIRE ALARM INTERFACE SHALL BE COORDINATED WITH FIRE CURTAINS IN ACCORDANCE WITH THE FIRE STRATEGY

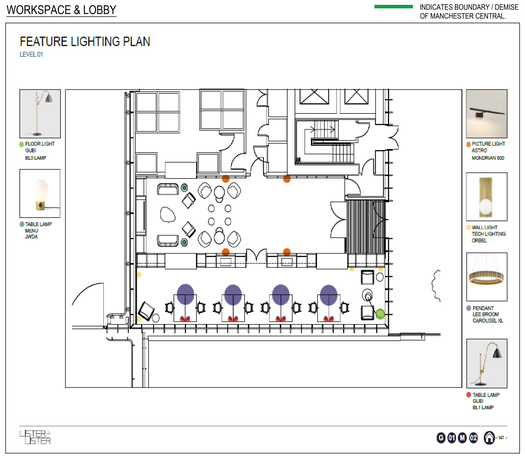
FA.10 FIRE FIGHTING COMMUNICATION SYSTEM IN ACCORDANCE WITH FIRE STRATEGY 5.5.2.2. THE INTENTION IS TO PROVIDE A TWO WAY COMMUNICATION SYSTEM Y AS PART OF THE DISABLED CALL SYSTEM.

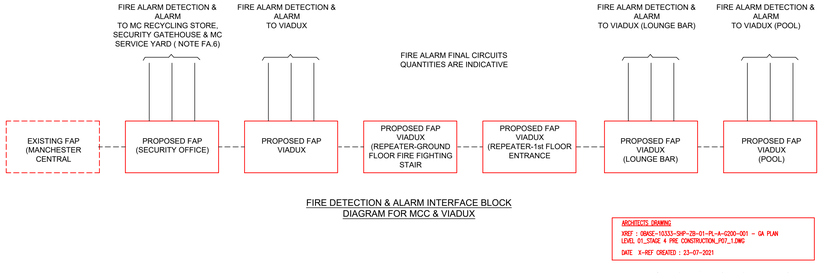
ABBREVIATIONS

AOV - AUTOMATIC OPENING VENT
SVD - SMOKE VENT DAMPER
LA - LANDLORD/APARTMENTS (* SELECT TO REVIEW / DEVELOPMENT)
CV - LOCATED WITHIN CEILING VOID
IP - INDICATES IP RATING OF EQUIPMENT
DC - DOOR CONTROLLER
WM - WALL MOUNTED
HL - HIGH LEVEL
AV - AUDIO VISUAL
SFS - SPRINKLER FLOW SWITCH

INDICATES BOUNDARY / DEMISE OF MANCHESTER CENTRAL

WORKSPACE & LOBBY





FIRE DETECTION & ALARM INTERFACE BLOCK DIAGRAM FOR MCC & VIADUX

ARCHITECTS DRAWING
XREF : OMACE-10333-SHP-ZB-01-PL-A-G200-001 - GA PLAN LEVEL 01_STAGE 4 PRE CONSTRUCTION_P07_1.DWG
DATE X-REF CREATED : 23-07-2021

1 0 1 2 3 4 5 m
SCALE: 1:100

GENERAL NOTES
1. DO NOT SCALE FROM THIS DRAWING
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VERSION	DRWN	CHKD	AUTH	REASON FOR ISSUE	DATE
-	RB	CN	-	AS FITTED	28.03.2024
CR1				AS FITTED	
SUITABILITY CODE				SUITABILITY DESCRIPTION	

Matic Building Services
Douglas House
Green Street
Wigan
WN3 4DQ

AS FITTED

VIADUX

ELECTRICAL SERVICES

LIGHTING & FIRE ALARM LAYOUT

FIRST FLOOR

SCALE	SHEET SIZE
1:100	A0
DRAWING NUMBER	REVISION
5013698-RDG-ZB-01-PL-E-0101	CR1



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LIGHTING LEGEND

- LED, WALL / PICTURE LIGHT / LUMINAIRE
- CIRCULAR, CEILING SURFACE LED DOWNLIGHT (GENERAL/CIRCULATION AREAS)
- LED, PENDANT LUMINAIRE
- CIRCULAR, CEILING RECESSED LED DOWNLIGHT (COMMUNAL AREA)
- CIRCULAR, CEILING RECESSED LED DOWNLIGHT (COMMUNAL AREA)
- EXIT — ILLUMINATED LED EMERGENCY EXIT SIGN, 3HR RATED
- OVERDOOR EMERGENCY IP65 SURFACE MOUNTED LINEAR LED LUMINAIRE
- LED 3HR RATED EMERGENCY DOWNLIGHT WITH OPEN PLAN OPTIC - NON MAINTAINED
- SA2 — SURFACE MOUNTED NON MAINTAINED / LED EMERGENCY LUMINAIRE WITH OPEN PLAN OPTIC
- SA3 — SURFACE MOUNTED NON MAINTAINED / LED EMERGENCY LUMINAIRE WITH CORRIDOR / ESCAPE ROUTE OPTIC
- EX-K — LINEAR LED LIGHTING STRIP - RECESSED BETWEEN SOFFIT PANELS JOINS - IP65
- F1 — LED, 9 LINES, WITH 6 PROFILES IN EACH LINE
- WALL MOUNTED LED LUMINAIR (WITH INTEGRAL PIR)
- NEON FLEX LED STRIP
- REALITY SERIES LED STRIP
- LINEAR LED LIGHTING STRIP - FOR INDIRECT LIGHTING WITHIN CEILING RAFT
- LED STRIP LIGHT WITHIN EXTRUSION CINEMA ROOM
- LED STRIP LIGHT WITH EXTRUSION FOR KARAOKE ROOM
- J — SURFACE MOUNTED BULKHEAD LED LUMINAIRE C/W INTEGRAL PIR
- J1 — SURFACE MOUNTED BULKHEAD LED LUMINAIRE
- X1 — IP65 SURFACE MOUNTED LINEAR LED LUMINAIRE SUFFIX 'A' DENOTES ASYMMETRIC DISTRIBUTION
- X2 — IP65 SURFACE MOUNTED LINEAR LED LUMINAIRE SUFFIX 'A' DENOTES ASYMMETRIC DISTRIBUTION
- X — CIRCULAR, CEILING RECESSED LED DOWNLIGHT
- M1 — LED, PENDANT LUMINAIRE
- M2 — LED, PENDANT LUMINAIRE
- N1 — RECESSED/SEMI-RECESSED MODULAR LED LUMINAIRE
- P1 — LED, PENDANT / LUMINAIRE
- P2 — LED, PENDANT / LUMINAIRE
- P3 — LED, PENDANT / LUMINAIRE
- P4 — LED, PENDANT / LUMINAIRE - (BAR TOP)
- S1A — LINEAR SUSPENDED LUMINAIRE 6000mm LONG
- S1A — LINEAR SUSPENDED LUMINAIRE 6000mm LONG WITH INTEGRAL 3HR EMERGENCY MODUAL & LUMINAIRE
- S1B — LINEAR SUSPENDED LUMINAIRE 7400mm LONG
- S1B — LINEAR SUSPENDED LUMINAIRE 7400mm LONG WITH INTEGRAL 3HR EMERGENCY MODUAL & LUMINAIRE
- S1C — LINEAR LED SUSPENDED LUMINAIRE 9000mm LONG
- S1C — LINEAR LED SUSPENDED LUMINAIRE 9000mm LONG WITH INTEGRAL 3HR EMERGENCY MODUAL & LUMINAIRE
- T1 — SUSPENDED PENDANT / LUMINAIRE
- W1 — LED WALL LIGHT / LUMINAIRE
- W2 — LED WALL LIGHT / LUMINAIRE
- W3 — LED WALL LIGHT / LUMINAIRE
- W4 — LED WALL LIGHT / LUMINAIRE
- W5 — LED WALL LIGHT / LUMINAIRE
- W6 — LED WALL LIGHT / LUMINAIRE
- 20A SINGLE POLE LIGHT SWITCH SUFFIX 'X' DENOTES THE NUMBER OF GANG
- 2 WAY LIGHT SWITCH SUFFIX 'X' DENOTES THE NUMBER OF GANG
- DIM — 1 WAY LIGHT SWITCH, DIMMABLE (* DENOTES GANG)
- DIM — 2 WAY LIGHT SWITCH, DIMMABLE (* DENOTES GANG)
- EMERGENCY LIGHTING TEST KEY SWITCH
- MCS — ENTRANCE/RECEPTION LIGHTING MASTER CONTROL STATION
- PIR — LIGHTING PRESENCE DETECTOR (PIR)
- MW — MICROWAVE PRESENCE DETECTOR (PIR) - WALL / CEILING MOUNTED
- AD — ABSENCE DETECTOR (PIR) WITH PROTOCELL DIMMING
- E DENOTES EMERGENCY 3 HOUR BATTERY BACKUP **
- CIRCUIT LINE
- SWITCH LINE

FIRE ALARM & DETECTION SYSTEM LEGEND

- FAP — FIRE ALARM PANEL
- FARP — FIRE ALARM REPEATER PANEL
- SMOKE DETECTOR - CEILING MOUNTED
- SMOKE DETECTOR WITH SOUNDER - CEILING MOUNTED
- SMOKE DETECTOR WITH SOUNDER & BEACON - CEILING MOUNTED
- HEAT DETECTOR WITH SOUNDER - CEILING MOUNTED
- HEAT DETECTOR WITH SOUNDER & BEACON - CEILING MOUNTED
- FBS — FIRE ALARM BEACON & SOUNDER
- MANUAL CALL POINT (BREAK GLASS)
- APARTMENT INTERFACE UNIT TO LINK APARTMENT FIRE ALARM SYSTEM TO LANDLORD'S SYSTEM TO NOTIFY MAIN PANEL WHEN ALARM IS ACTIVATED
- FAI — FIRE ALARM INTERFACE
- ASP — ASPIRATING SMOKE DETECTION SYSTEM
- ASPIRATING SYSTEM PIPEWORK

DISABLED REFUGE ALARM LEGEND

- MDRP — MAIN DISABLED REFUGE PANEL
- DRRP — DISABLED REFUGE REPEATER PANEL
- DRP — DISABLED REFUGE PANEL / OUTSTATION

ACCESSIBLE W.C. ALARM LEGEND

- AC — ALARM CONTROLLER
- OVERDOOR INDICATOR / SOUNDER UNIT
- CEILING MOUNTED / PULL CORD / ALARM WITH HIGH & LOW LEVEL HANDLES
- R — ALARM RESET UNIT

LIGHTING NOTES

L1. REFER TO LUMINAIRE SCHEDULE FOR FURTHER DETAILS ON LUMINAIRES
L2. STAIR CONTROLLED VIA CONTACTOR.
STAIR CONTROL ARRANGEMENT:
- BASEMENT, GROUND & MEZZANINE FLOOR
- LEVEL 1 TO 4
- THEN EVERY 6 FLOOR THEREAFTER

L3. REFER TO DISTRIBUTION BOARD SCHEDULE FOR CIRCUITING INFORMATION.
L4. EMERGENCY LIGHTING TEST KEY SWITCH LOCATION FOR LANDLORDS AREA AT EACH FLOOR LEVEL. TEST KEY SWITCH SHALL BE PROVIDED PER LIGHTING LAYOUT.
L5. ALL GENERAL LIGHTING LUMINAIRES WITHIN THE CURTILAGE OF MANCHESTER CENTRAL, LOCATED UNDER/ADJACENT THE PODIUM SLAB, SHALL BE SWITCH / CONTACTOR CONTROLLED FROM WITHIN THE SECURITY OFFICE.
L6. ALL EMERGENCY LIGHTING LUMINAIRES WITHIN THE CURTILAGE OF MANCHESTER CENTRAL AS INDICATED ON THIS DRAWING SHALL BE PROVIDED WITH KEY TEST SWITCH LOCATED WITHIN MANCHESTER CENTRAL GATEHOUSE.
L7. WHEN EXISTING LAMPOSTS ARE REMOVED, NEW WALL MOUNTED LED FLOODLIGHTS SHALL BE PROVIDED (PHILIPS OR EQUIVALENT) PRECISE DETAILS TBC.
L8. LIGHTING SCENE SETTING PLATE SHALL BE COORDINATED AND INTERFACED WITH THE AV SYSTEM. MULTIPLE SCENE SETTINGS SHALL BE PROVIDED IN ACCORDANCE WITH PROJECT ADMINISTRATOR.

FIRE ALARM NOTES

FA.1 FIRE ALARM TO INTERFACE WITH THE FOLLOWING:
- SPRINKLER SYSTEM
- 2No SMOKE VENT MOTORISED DAMPERS @ EACH LEVEL
- LIFT LOBBY AOV @ EACH LEVEL
- ALL ACCESS CONTROL

FA.2 ASPIRATING SYSTEM TO THE TOP OF LIFT SHAFTS
FA.3 FIRE ALARM INTERFACES SHALL BE CO-ORDINATED WITH LIFT CONTROL PANEL
FA.4 AUTOMATIC DETECTION LOCATED OUTSIDE THE DOORS OF APARTMENTS CLOSES TO THE STAIRS, IN ACCORDANCE WITH THE FIRE STRATEGY.
FA.5 NON AUTOMATICALLY OPERATED ALARM SOUNDERS PROVIDED IN COMMON CORRIDORS IN ACCORDANCE WITH FIRE STRATEGY, SUBJECT TO CLIENT/OPERATOR APPROVAL.
FA.6 FIRE ALARM INTERFACE UNITS SHALL BE PROVIDED AND CO-ORDINATED WITH ACCESS CONTROL SYSTEM DOOR CONTROLLERS, LOCATED AT THE FOLLOWING LEVELS, 07, 11, 15, 19, 20, 24, 28, 32 & 36.
FA.7 FIRE FIGHTING COMMUNICATION SYSTEM IN ACCORDANCE WITH FIRE STRATEGY 5.5.2.2. THE INTENTION IS TO PROVIDE A TWO WAY COMMUNICATION SYSTEM Y AS PART OF THE DISABLED CALL SYSTEM.

ABBREVIATIONS

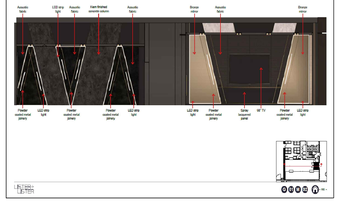
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SVD - SMOKE VENT DAMPER
LA - LANDLORD/APARTMENTS (* SELECT TO REVIEW / DEVELOPMENT)
CV - LOCATED WITHIN CEILING VOID
IP - INDICATES IP RATING OF EQUIPMENT
DC - DOOR CONTROLLER
WM - WALL MOUNTED
HL - HIGH LEVEL
AV - AUDIO VISUAL
SFS - SPRINKLER FLOW SWITCH
SSP - SCENE SETTING PLATE

KARAOKE ROOM

KARAOKE ROOM - MATERIALS
LEVEL 01 MEZZANINE



ENTRANCE SECTION- BB
LEVEL 01

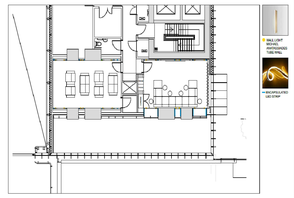


CINEMA ROOM

CINEMA ROOM
LEVEL 01 MEZZANINE



FEATURE LIGHTING PLAN
LEVEL 01 MEZZANINE



ARCHITECTS DRAWING
XREF : 09MEC-10333-SHP-ZB-01M-PL-A-C2020-001 - GA PLAN LEVEL 01M_STAGE 4 PRE CONSTRUCTION_POE_1.DWG
DATE X-REF CREATED : 23-07-2021

SCALE 1:100

-	RB	CN	-	AS FITTED	28.03.2024
VERSION	DRWN	CHKD	AUTH	REASON FOR ISSUE	DATE
CR1	AS FITTED				
SUITABILITY CODE	SUITABILITY DESCRIPTION				

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WN3 4DQ

AS FITTED

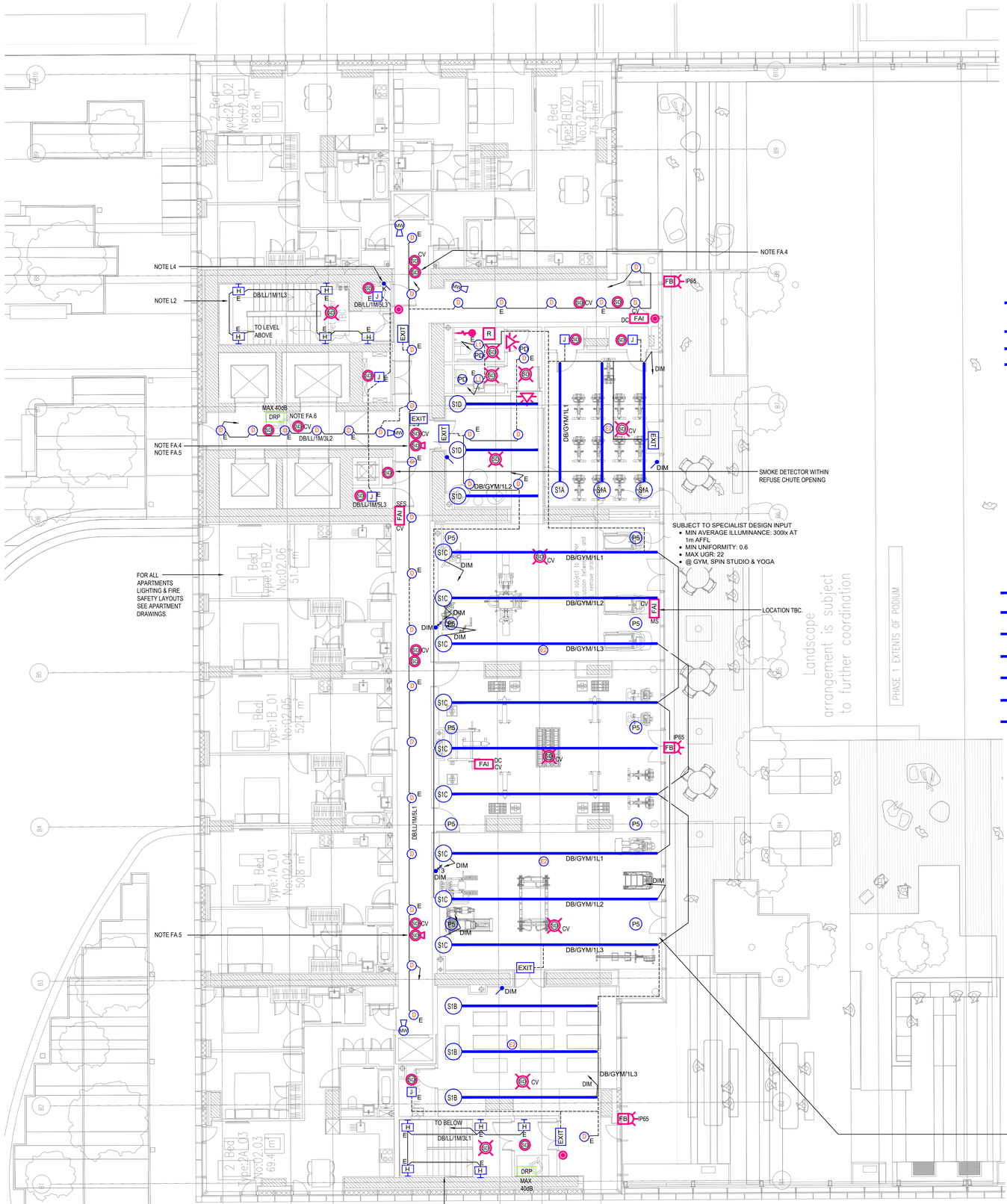
VIADUX

ELECTRICAL SERVICES

LIGHTING & FIRE ALARM LAYOUT

MEZZANINE

SCALE	SHEET SIZE
1:100	A0
DRAWING NUMBER	REVISION
5013698-RDG-ZB-01M-PL-E-0102	CR1



LIGHTING LEGEND

- B1 — LED, WALL / PICTURE LIGHT / LUMINAIRE
- D1 — CIRCULAR, CEILING SURFACE LED DOWNLIGHT (GENERAL/CIRCULATION AREAS)
- D2 — LED, PENDANT LUMINAIRE
- D — CIRCULAR, CEILING RECESSED LED DOWNLIGHT (COMMUNAL AREA)
- D1 — CIRCULAR, CEILING RECESSED LED DOWNLIGHT (COMMUNAL AREA)
- EXIT — ILLUMINATED LED EMERGENCY EXIT SIGN, 3HR RATED
- E1 — OVERDOOR EMERGENCY IP65 SURFACE MOUNTED LINEAR LED LUMINAIRE
- E2 — LED 3HR RATED EMERGENCY DOWNLIGHT WITH OPEN PLAN OPTIC - NON MAINTAINED
- EM2 — SURFACE MOUNTED NON MAINTAINED / LED EMERGENCY LUMINAIRE WITH OPEN PLAN OPTIC
- EM3 — SURFACE MOUNTED NON MAINTAINED / LED EMERGENCY LUMINAIRE WITH CORRIDOR / ESCAPE ROUTE OPTIC
- F1 — LED, 9 LINES, WITH 6 PROFILES IN EACH LINE
- H — WALL MOUNTED LED LUMINAIR (WITH INTEGRAL PIR)
- I — NEON FLEX LED STRIP
- I2 — REALITY SERIES LED STRIP
- I3 — LINEAR LED LIGHTING STRIP - FOR INDIRECT LIGHTING WITHIN CEILING RAFT
- I6 — LED STRIP LIGHT WITHIN EXTRUSION CINEMA ROOM
- I7 — LED STRIP LIGHT WITH EXTRUSION FOR KARAOKE ROOM
- J — SURFACE MOUNTED BULKHEAD LED LUMINAIRE C/W INTEGRAL PIR
- J1 — SURFACE MOUNTED BULKHEAD LED LUMINAIRE
- K1 — IP65 SURFACE MOUNTED LINEAR LED LUMINAIRE SUFFIX 'A' DENOTES ASYMMETRIC DISTRIBUTION
- K2 — IP65 SURFACE MOUNTED LINEAR LED LUMINAIRE SUFFIX 'A' DENOTES ASYMMETRIC DISTRIBUTION
- L — CIRCULAR, CEILING RECESSED LED DOWNLIGHT
- M1 — LED, PENDANT LUMINAIRE
- M2 — LED, PENDANT LUMINAIRE
- N — RECESSED/SEMI-RECESSED MODULAR LED LUMINAIRE.
- N1 — RECESSED/SEMI-RECESSED MODULAR LED LUMINAIRE
- P1 — LED, PENDANT / LUMINAIRE
- P2 — LED, PENDANT / LUMINAIRE
- P3 — LED, PENDANT / LUMINAIRE
- P4 — LED, PENDANT / LUMINAIRE - (BAR TOP)
- P5 — RECESSED SPOT LIGHT WITH BLACK CASING
- S1A — LINEAR SUSPENDED LUMINAIRE 6000mm LONG
- S1A (E) — LINEAR SUSPENDED LUMINAIRE 6000mm LONG WITH INTEGRAL 3HR EMERGENCY MODUAL & LUMINAIRE
- S1B — LINEAR SUSPENDED LUMINAIRE 7400mm LONG
- S1B (E) — LINEAR SUSPENDED LUMINAIRE 7400mm LONG WITH INTEGRAL 3HR EMERGENCY MODUAL & LUMINAIRE
- S1C — LINEAR LED SUSPENDED LUMINAIRE 9000mm LONG
- S1C (E) — LINEAR LED SUSPENDED LUMINAIRE 9000mm LONG WITH INTEGRAL 3HR EMERGENCY MODUAL & LUMINAIRE
- S1D — BLACK CASING LINEAR LIGHT SET IN BETWEEN TIMBER PLANKS-SETTING OUT AS INDICATED.
- T1 — SUSPENDED PENDANT / LUMINAIRE
- W1 — LED WALL LIGHT / LUMINAIRE
- W2 — LED WALL LIGHT / LUMINAIRE
- W3 — LED WALL LIGHT / LUMINAIRE
- W4 — LED WALL LIGHT / LUMINAIRE
- W5 — LED WALL LIGHT / LUMINAIRE
- W6 — LED WALL LIGHT / LUMINAIRE
- X — 20A SINGLE POLE LIGHT SWITCH SUFFIX 'X' DENOTES THE NUMBER OF GANG
- X — 2 WAY LIGHT SWITCH SUFFIX 'X' DENOTES THE NUMBER OF GANG
- DIM — 1 WAY LIGHT SWITCH, DIMMABLE (* DENOTES GANG)
- *DIM — 2 WAY LIGHT SWITCH, DIMMABLE (* DENOTES GANG)
- K — EMERGENCY LIGHTING TEST KEY SWITCH
- LMCS — ENTRANCE/RECEPTION LIGHTING MASTER CONTROL STATION
- PD — LIGHTING PRESENCE DETECTOR (PIR)
- MW — MICROWAVE PRESENCE DETECTOR (PIR) - WALL / CEILING MOUNTED
- ALD — ABSENCE DETECTOR (PIR) WITH PROTOCELL DIMMING

** E DENOTES EMERGENCY 3 HOUR BATTERY BACKUP **

CIRCUIT LINE

SWITCH LINE

FIRE ALARM & DETECTION SYSTEM LEGEND

- FAP — FIRE ALARM PANEL
- FARP — FIRE ALARM REPEATER PANEL
- SD — SMOKE DETECTOR - CEILING MOUNTED
- SD — SMOKE DETECTOR WITH SOUNDER - CEILING MOUNTED
- SD — SMOKE DETECTOR WITH SOUNDER & BEACON - CEILING MOUNTED
- HD — HEAT DETECTOR WITH SOUNDER - CEILING MOUNTED
- HD — HEAT DETECTOR WITH SOUNDER & BEACON - CEILING MOUNTED
- FB — FIRE ALARM BEACON & SOUNDER
- MANUAL CALL POINT (BREAK GLASS)
- APARTMENT INTERFACE UNIT TO LINK APARTMENT FIRE ALARM SYSTEM TO LANDLORD'S SYSTEM TO NOTIFY MAIN PANEL WHEN ALARM IS ACTIVATED
- FAI — FIRE ALARM INTERFACE
- ASP — ASPIRATING SMOKE DETECTION SYSTEM
- ASPIRATING SYSTEM PIPEWORK

DISABLED REFUGE ALARM LEGEND

- MDRP — MAIN DISABLED REFUGE PANEL
- DRRP — DISABLED REFUGE REPEATER PANEL
- DRP — DISABLED REFUGE PANEL / OUTSTATION

ACCESSIBLE W.C. ALARM LEGEND

- AC — ALARM CONTROLLER
- OVERDOOR INDICATOR / SOUNDER UNIT
- CEILING MOUNTED / PULL CORD / ALARM WITH HIGH & LOW LEVEL HANDLES
- R — ALARM RESET UNIT

LIGHTING NOTES

L1. REFER TO LUMINAIRE SCHEDULE FOR FURTHER DETAILS ON LUMINAIRES
L2. STAIR CONTROLLED VIA CONTACTOR.
STAIR CONTROL ARRANGEMENT:
- BASEMENT, GROUND & MEZZANINE FLOOR
- LEVEL 1 TO 4
- THEN EVERY 6 FLOOR THEREAFTER

L3. REFER TO DISTRIBUTION BOARD SCHEDULE FOR CIRCUITING INFORMATION.
L4. EMERGENCY LIGHTING TEST KEY SWITCH LOCATION, FOR LANDLORDS AREA & GYM AREA AT EACH FLOOR LEVEL. TEST KEY SWITCH SHALL BE PROVIDED PER LIGHTING CIRCUIT.
L5. CORRIDORS AND STAIRS LIGHTING TO BE SET BACK TO 10% IN ABSENCE OF RESIDENTS.

FIRE ALARM NOTES

FA.1 FIRE ALARM TO INTERFACE WITH THE FOLLOWING:
- SPRINKLER SYSTEM
- 2No SMOKE VENT MOTORISED DAMPERS @ EACH LEVEL
- LIFT LOBBY AOV @ EACH LEVEL
- ALL ACCESS CONTROL

FA.2 ASPIRATING SYSTEM TO THE TOP OF LIFT SHAFTS
FA.3 FIRE ALARM INTERFACES SHALL BE CO-ORDINATED WITH LIFT CONTROL PANEL
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FA.5 NON AUTOMATICALLY OPERATED ALARM SOUNDERS PROVIDED IN COMMON CORRIDORS IN ACCORDANCE WITH FIRE STRATEGY, SUBJECT TO CLIENT/OPERATOR APPROVAL
FA.6 FIRE FIGHTING COMMUNICATION SYSTEM IN ACCORDANCE WITH FIRE STRATEGY 5.5.2.2. THE INTENTION IS TO PROVIDE A TWO WAY COMMUNICATION SYSTEM Y AS PART OF THE DISABLED CALL SYSTEM.

ABBREVIATIONS

AOV - AUTOMATIC OPENING VENT
SVD - SMOKE VENT DAMPER
LA - LANDLORD/APARTMENTS (* SELECT TO REVIEW / DEVELOPMENT)
CV - LOCATED WITHIN CEILING VOID
IP - INDICATES IP RATING OF EQUIPMENT
DC - DOOR CONTROLLER
WM - WALL MOUNTED
HL - HIGH LEVEL
AV - AUDIO VISUAL
SFS - SPRINKLER FLOW SWITCH
MS - MUSIC SYSTEM

GENERAL NOTES

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ARCHITECTS DRAWING
XREF : OBASE-10333-SHP-ZB-02-PL-A-C200-001 - GA PLAN LEVEL 02_STAGE 4 PRE CONSTRUCTION_P09_1.DWG
DATE X-REF CREATED : 23-07-2021

SCALE 1:100 (1 0 1 2 3 4 5 m)

VERSION	DRWN	CHKD	AUTH	REASON FOR ISSUE	DATE
-	RB	CN	-	AS FITTED	28.03.2024
CR1				AS FITTED	
SUITABILITY CODE				SUITABILITY DESCRIPTION	

Matic Building Services
Douglas House
Green Street
Wigan
WN3 4DQ

ASK / SALBOY

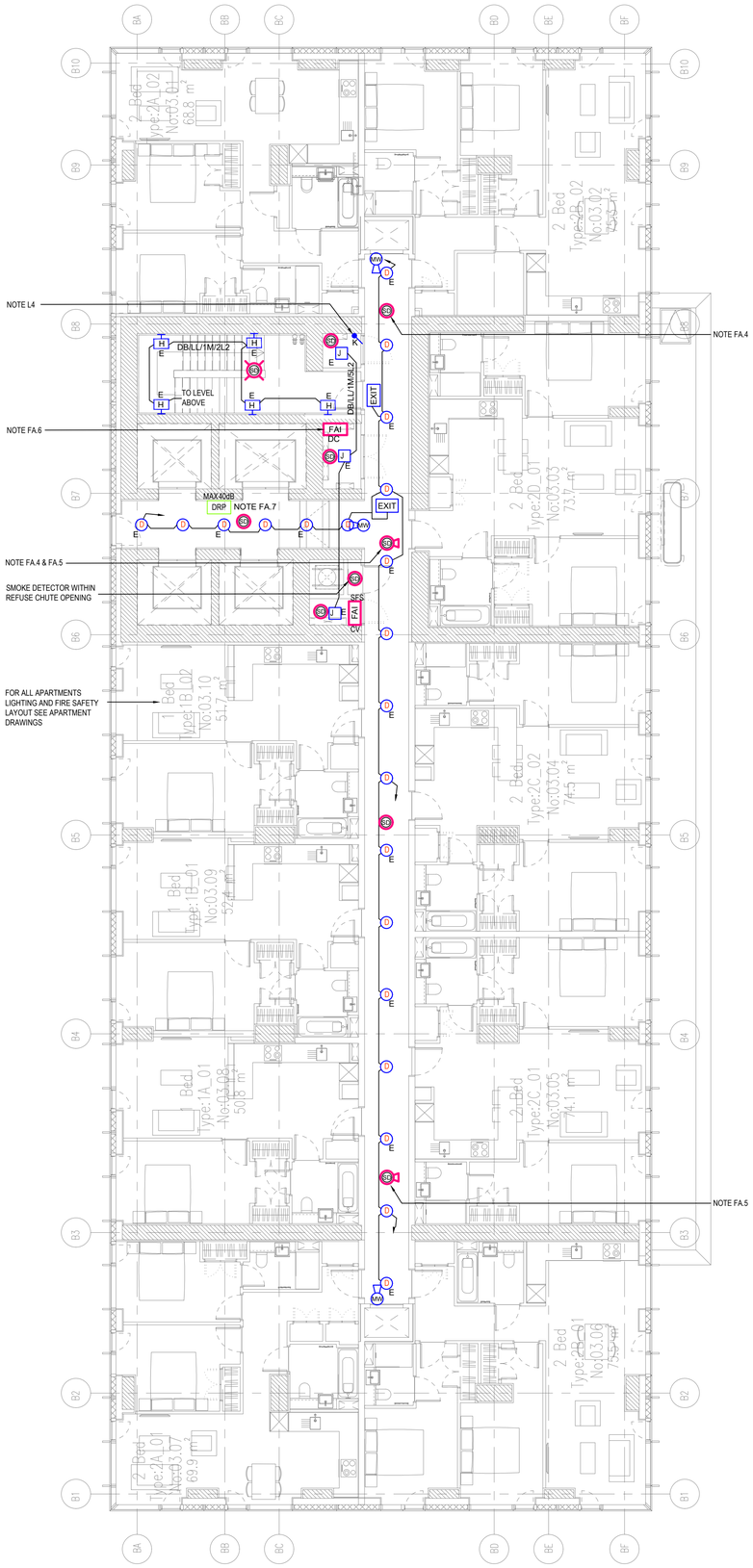
VIADUX

ELECTRICAL SERVICES

LIGHTING & FRE ALARM LAYOUT

LEVEL 02

SCALE	SHEET SIZE
1:100	A1
DRAWING NUMBER	REVISION
5013698-RDG-ZB-02-PL-E-0103	CR1



LIGHTING LEGEND

- C — CIRCULAR, CEILING SURFACE LED DOWNLIGHT (GENERAL/CIRCULATION AREAS)
- D — CIRCULAR, CEILING RECESSED LED DOWNLIGHT (COMMUNAL AREA)
- EL — OVERDOOR EMERGENCY IP65 SURFACE MOUNTED LINEAR LED LUMINAIRE
- F — CIRCULAR, RECESSED LED DOWNLIGHT IP65 RATED
- H E — WALL MOUNTED LED LUMINAIRE WITH 3HR EMERGENCY FACILITY (WITH INTEGRAL PIR)
- J — SURFACE MOUNTED BULKHEAD LED LUMINAIRE C/W INTEGRAL PIR
- K — IP65 SURFACE MOUNTED LINEAR LED LUMINAIRE SUFFIX 'X' DENOTES ASYMMETRIC DISTRIBUTION
- X — 20A SINGLE POLE LIGHT SWITCH SUFFIX 'X' DENOTES THE NUMBER OF GANG
- K — EMERGENCY LIGHTING TEST KEY SWITCH
- MCS — ENTRANCE/RECEPTION LIGHTING MASTER CONTROL STATION
- PD — LIGHTING PRESENCE DETECTOR (PIR) - LONG BEAM
- MW — MICROWAVE PRESENCE DETECTOR (PIR) - WALL / CEILING MOUNTED
- AD — ABSENCE DETECTOR (PIR) WITH PROTOCELL DIMMING
- EXIT — ILLUMINATED LED EMERGENCY EXIT SIGN, 3HR RATED
- ** E DENOTES EMERGENCY 3 HOUR BATTERY BACKUP **
- CIRCUIT LINE
- SWITCH LINE

FIRE ALARM & DETECTION SYSTEM LEGEND

- FAP — FIRE ALARM PANEL
- FARP — FIRE ALARM REPEATER PANEL
- SD — SMOKE DETECTOR - CEILING MOUNTED
- SDS — SMOKE DETECTOR WITH SOUNDER - CEILING MOUNTED
- SDB — SMOKE DETECTOR WITH SOUNDER & BEACON - CEILING MOUNTED
- HD — HEAT DETECTOR WITH SOUNDER - CEILING MOUNTED
- HDB — HEAT DETECTOR WITH SOUNDER & BEACON - CEILING MOUNTED
- FB — FIRE ALARM BEACON & SOUNDER
- MANUAL CALL POINT (BREAK GLASS)
- APARTMENT INTERFACE UNIT TO LINK APARTMENT FIRE ALARM SYSTEM TO LANDLORD'S SYSTEM TO NOTIFY MAIN PANEL WHEN ALARM IS ACTIVATED
- FAI — FIRE ALARM INTERFACE
- ASP — ASPIRATING SMOKE DETECTION SYSTEM
- ASPIRATING SYSTEM PIPEWORK

DISABLED REFUGE ALARM LEGEND

- MDRP — MAIN DISABLED REFUGE PANEL
- DDRP — DISABLED REFUGE REPEATER PANEL
- DRP — DISABLED REFUGE PANEL / OUTSTATION

ACCESSIBLE W.C. ALARM LEGEND

- AC — ALARM CONTROLLER
- OVERDOOR INDICATOR / SOUNDER UNIT
- CEILING MOUNTED / PULL CORD / ALARM WITH HIGH & LOW LEVEL HANDLES
- R — ALARM RESET UNIT

LIGHTING NOTES

L1. REFER TO LUMINAIRE SCHEDULE FOR FURTHER DETAILS ON LUMINAIRES

L2. STAIR CONTROLLED VIA CONTACTOR . STAIR CONTROL ARRANGEMENT,
- BASEMENT, GROUND, 1st & 1 st MEZZANINE FLOOR
- LEVEL 2 TO 4
- THEN EVERY 2 FLOORS THEREAFTER

L3. REFER TO DISTRIBUTION BOARD SCHEDULE FOR CIRCUITING INFORMATION.

L4. EMERGENCY LIGHTING TEST KEY SWITCH LOCATION. FOR LANDLORDS AREA AT EACH FLOOR LEVEL. TEST KEY SWITCH SHALL BE PROVIDED PER EACH LIGHTING CIRCUIT.

L5. CORRIDORS AND STAIRS LIGHTING TO BE SET BACK TO 10% IN ABSENCE OF RESIDENTS.

FIRE ALARM NOTES

FA.1 FIRE ALARM TO INTERFACE WITH THE FOLLOWING:
- SPRINKLER SYSTEM
- 2No SMOKE VENT MOTORISED DAMPERS @ EACH LEVEL
- LIFT LOBBY AOV @ EACH LEVEL
- ALL ACCESS CONTROL

FA.2 ASPIRATING SYSTEM TO THE TOP OF LIFT SHAFTS

FA.3 FIRE ALARM INTERFACES SHALL BE CO-ORDINATED WITH LIFT CONTROL PANEL

FA.4 AUTOMATIC DETECTION LOCATED OUTSIDE THE DOORS OF APARTMENTS CLOSES TO THE STAIRS, IN ACCORDANCE WITH THE FIRE STRATEGY.

FA.5 NON AUTOMATICALLY OPERATED ALARM SOUNDERS PROVIDED IN COMMON CORRIDORS IN ACCORDANCE WITH FIRE STRATEGY, SUBJECT TO CLIENT/OPERATOR APPROVAL.

FA.6 FIRE ALARM INTERFACE UNITS SHALL BE PROVIDED AND CO-ORDINATED WITH ACCESS CONTROL SYSTEM DOOR CONTROLLERS, LOCATED AT THE FOLLOWING LEVELS, 07, 11, 15, 19, 20, 24, 28, 32 & 36.

FA.7 FIRE FIGHTING COMMUNICATION SYSTEM IN ACCORDANCE WITH FIRE STRATEGY 5.5.2.2. THE INTENTION IS TO PROVIDE A TWO WAY COMMUNICATION SYSTEM Y AS PART OF THE DISABLED CALL SYSTEM.

ABBREVIATIONS

AOV - AUTOMATIC OPENING VENT
SVD - SMOKE VENT DAMPER
LA - LANDLORD/APARTMENTS
CV - LOCATED WITHIN CEILING VOID
IP - INDICATES IP RATING OF EQUIPMENT
DC - DOOR CONTROLLER
WM - WALL MOUNTED
HL - HIGH LEVEL
SFS - SPRINKLER FLOW SWITCH

GENERAL NOTES

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ARCHITECTS DRAWING

XREF : OBASE-103333-SHP-ZB-03-PL-A-ZONE_B - GA PLANS LEVELS 03 STAGE 4 PRE CONSTRUCTION_P07_1.DWG

DATE X-REF CREATED : 11-08-2021

1 0 1 2 3 4 5
SCALE 1:100 m

VERSION	DRWN	CHKD	AUTH	REASON FOR ISSUE	DATE
-	RB	CN	-	AS FITTED	28.03.2024
CO1				AS FITTED	
SUITABILITY CODE				SUITABILITY DESCRIPTION	

Matic Building Services
Douglas House
Green Street
Wigan
WN3 4DQ

ASK / SALBOY

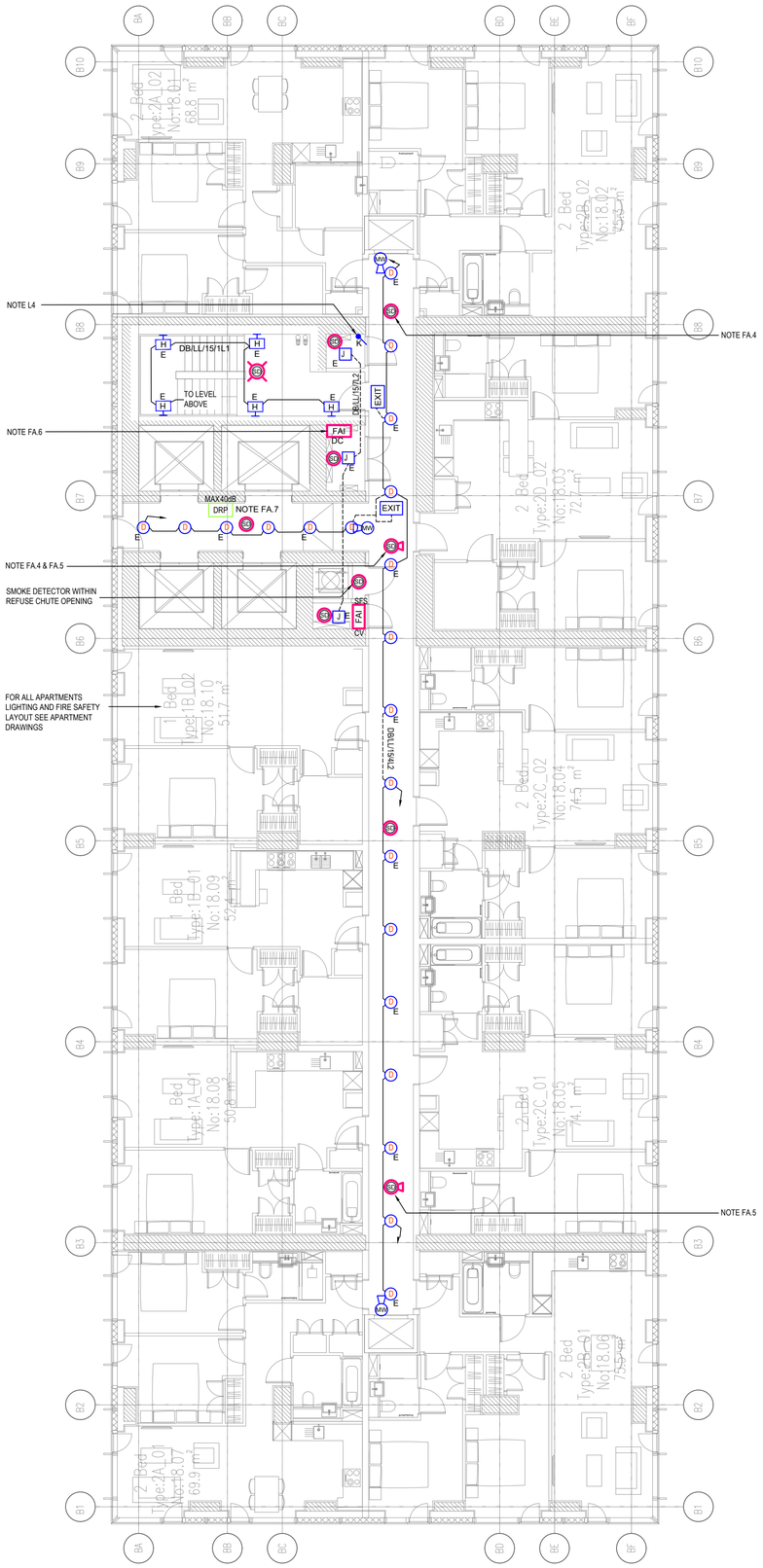
VIADUX

ELECTRICAL SERVICES

LIGHTING & FRE ALARM LAYOUT

LEVEL 03

SCALE	SHEET SIZE
1:100	A1
DRAWING NUMBER	REVISION
5013698-RDG-ZB-03-PL-E-0104	CR1



LIGHTING LEGEND

- C — CIRCULAR, CEILING SURFACE LED DOWNLIGHT (GENERAL/CIRCULATION AREAS)
- D — CIRCULAR, CEILING RECESSED LED DOWNLIGHT (COMMUNAL AREA)
- EL — OVERDOOR EMERGENCY IP65 SURFACE MOUNTED LINEAR LED LUMINAIRE
- F — CIRCULAR, RECESSED LED DOWNLIGHT IP65 RATED
- H E — WALL MOUNTED LED LUMINAIRE WITH 3HR EMERGENCY FACILITY (WITH INTEGRAL PIR)
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- x — 20A SINGLE POLE LIGHT SWITCH SUFFIX 'X' DENOTES THE NUMBER OF GANG
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- EMCS — ENTRANCE/RECEPTION LIGHTING MASTER CONTROL STATION
- PD — LIGHTING PRESENCE DETECTOR (PIR) - LONG BEAM
- MW — MICROWAVE PRESENCE DETECTOR (PIR) - WALL / CEILING MOUNTED
- ALE — ABSENCE DETECTOR (PIR) WITH PROTOCELL DIMMING
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- SWITCH LINE

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- FAP — FIRE ALARM PANEL
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- SDS — SMOKE DETECTOR WITH SOUNDER - CEILING MOUNTED
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- FB — FIRE ALARM BEACON & SOUNDER
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DISABLED REFUGE ALARM LEGEND

- MDRP — MAIN DISABLED REFUGE PANEL
- DDRP — DISABLED REFUGE REPEATER PANEL
- DRP — DISABLED REFUGE PANEL / OUTSTATION

ACCESSIBLE W.C. ALARM LEGEND

- AC — ALARM CONTROLLER
- OVERDOOR INDICATOR / SOUNDER UNIT
- CEILING MOUNTED / PULL CORD / ALARM WITH HIGH & LOW LEVEL HANDLES
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DC - DOOR CONTROLLER
WM - WALL MOUNTED
HL - HIGH LEVEL
SFS - SPRINKLER FLOW SWITCH

ARCHITECTS DRAWING

XREF : 0BASE-103333-SHP-ZB-18-PL-A-G200-001_ZONE_B - GA PLANS LEVEL 18_STAGE 4 PRE CONSTRUCTION_P04_1.DWG

DATE X-REF CREATED : 11-01-2021

SCALE 1:100 — 1 0 1 2 3 4 5 m

GENERAL NOTES
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VERSION	DRWN	CHKD	AUTH	REASON FOR ISSUE	DATE
-	RB	CN	-	AS FITTED	28.03.2024
CO1				AS FITTED	

SUITABILITY CODE | SUITABILITY DESCRIPTION

Matic Building Services
Douglas House
Green Street
Wigan
WN3 4DQ

ASK / SALBOY

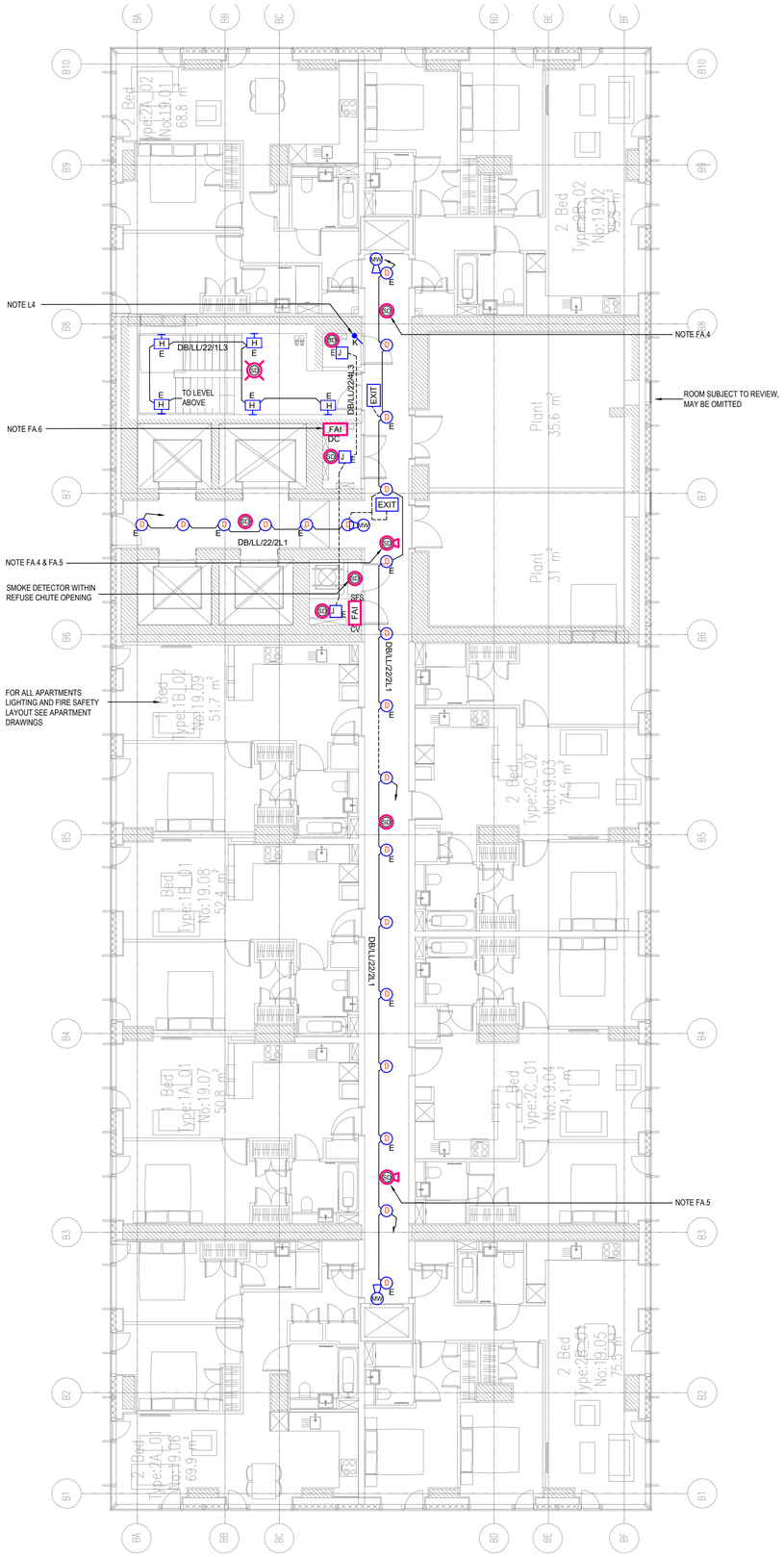
VIADUX

ELECTRICAL SERVICES

LIGHTING & FRE ALARM LAYOUT

LEVEL 18

SCALE	SHEET SIZE
1:100	A1
DRAWING NUMBER	REVISION
5013698-RDG-ZB-18-PL-E-0106	CR1



LIGHTING LEGEND

- C — CIRCULAR, CEILING SURFACE LED DOWNLIGHT (GENERAL/CIRCULATION AREAS)
- D — CIRCULAR, CEILING RECESSED LED DOWNLIGHT (COMMUNAL AREA)
- E1 — OVERDOOR EMERGENCY IP65 SURFACE MOUNTED LINEAR LED LUMINAIRE
- F — CIRCULAR, RECESSED LED DOWNLIGHT IP65 RATED
- H E — WALL MOUNTED LED LUMINAIRE WITH 3HR EMERGENCY FACILITY (WITH INTEGRAL PIR)
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- FAP — FIRE ALARM PANEL
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- SD — SMOKE DETECTOR WITH SOUNDER - CEILING MOUNTED
- SD — SMOKE DETECTOR WITH SOUNDER & BEACON - CEILING MOUNTED
- HD — HEAT DETECTOR WITH SOUNDER - CEILING MOUNTED
- HD — HEAT DETECTOR WITH SOUNDER & BEACON - CEILING MOUNTED
- FB — FIRE ALARM BEACON & SOUNDER
- MANUAL CALL POINT (BREAK GLASS)
- APARTMENT INTERFACE UNIT TO LINK APARTMENT FIRE ALARM SYSTEM TO LANDLORD'S SYSTEM TO NOTIFY MAIN PANEL WHEN ALARM IS ACTIVATED
- FAI — FIRE ALARM INTERFACE
- ASP — ASPIRATING SMOKE DETECTION SYSTEM
- ASPIRATING SYSTEM PIPEWORK

DISABLED REFUGE ALARM LEGEND

- MDRP — MAIN DISABLED REFUGE PANEL
- DRRP — DISABLED REFUGE REPEATER PANEL
- DRP — DISABLED REFUGE PANEL / OUTSTATION

ACCESSIBLE W.C. ALARM LEGEND

- AC — ALARM CONTROLLER
- OVERDOOR INDICATOR / SOUNDER UNIT
- CEILING MOUNTED / PULL CORD / ALARM WITH HIGH & LOW LEVEL HANDLES
- R — ALARM RESET UNIT

ARCHITECTS DRAWING

XREF : 0BASE-103333-SHP-ZB-19-PL-A-G200-100_ZONE_B - GA PLAN LEVEL 19_STAGE 4 PRE CONSTRUCTION_P06_1.DWG

DATE X-REF CREATED : 11-08-2021

SCALE 1:100

1 0 1 2 3 4 5 m

GENERAL NOTES
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VERSION	DRWN	CHKD	AUTH	REASON FOR ISSUE	DATE
-	RB	CN	-	AS FITTED	28.03.2024
CO1	AS FITTED				

SUITABILITY CODE	SUITABILITY DESCRIPTION

Matic Building Services
Douglas House
Green Street
Wigan
WN3 4DQ

ASK / SALBOY

VIADUX

ELECTRICAL SERVICES

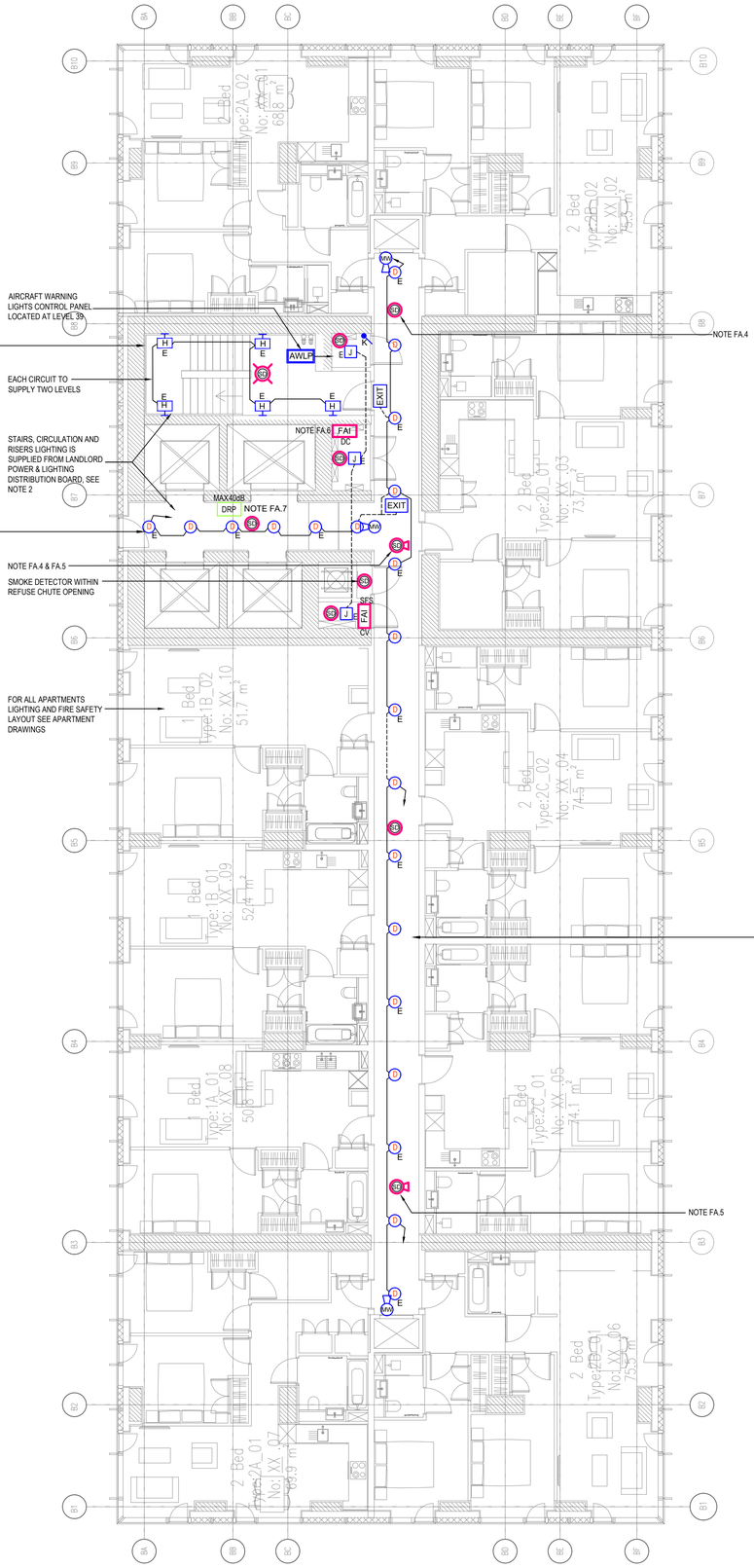
LIGHTING & FRE ALARM LAYOUT

LEVEL 19

SCALE	SHEET SIZE
1:100	A1
DRAWING NUMBER	REVISION
5013698-RDG-ZB-19-PL-E-0107	CR1

STAIR LIGHTING CIRCUITS	
CIRCUIT REFERENCE	LEVEL
DB/LL/1M/2L2	LEVEL 3 TO 4
DB/LL/08/1L3	LEVEL 5 to 6
DB/LL/08/2L2	LEVEL 7 to 8
DB/LL/08/1L1	LEVEL 9 to 11
DB/LL/15/1L3	LEVEL 12 to 14
DB/LL/15/2L2	LEVEL 15 to 16
DB/LL/15/1L1	LEVEL 17 to 18
DB/LL/22/1L3	LEVEL 19 to 20
DB/LL/22/2L2	LEVEL 21 to 23
DB/LL/22/1L1	LEVEL 24 to 25
DB/LL/29/1L3	LEVEL 26 to 27
DB/LL/29/2L2	LEVEL 28 to 29
DB/LL/29/1L1	LEVEL 30 to 32
DB/LL/36/1L3	LEVEL 33 to 35
DB/LL/36/2L2	LEVEL 36 to 38
DB/LL/36/1L1	LEVEL 39 to 40

RISER LIGHTING CIRCUITS	
CIRCUIT REFERENCE	LEVEL
DB/LL/1M/5L3	LEVEL4
DB/LL/08/4L3	LEVEL 5
DB/LL/08/5L1	LEVEL 6
DB/LL/08/5L2	LEVEL 7
DB/LL/08/5L3	LEVEL 8
DB/LL/08/6L1	LEVEL 9
DB/LL/08/7L1	LEVEL 10
DB/LL/08/7L2	LEVEL 11
DB/LL/15/4L3	LEVEL 12
DB/LL/15/5L1	LEVEL 13
DB/LL/15/5L2	LEVEL 14
DB/LL/15/5L3	LEVEL 15
DB/LL/15/6L1	LEVEL 16
DB/LL/15/7L1	LEVEL 17
DB/LL/15/7L2	LEVEL 18
DB/LL/22/5L1	LEVEL 20
DB/LL/22/5L2	LEVEL 21
DB/LL/22/5L3	LEVEL 22
DB/LL/22/6L1	LEVEL 23
DB/LL/22/7L1	LEVEL 24
DB/LL/22/7L2	LEVEL 25
DB/LL/29/4L3	LEVEL 26
DB/LL/29/5L1	LEVEL 27
DB/LL/29/5L2	LEVEL 28
DB/LL/29/5L3	LEVEL 29
DB/LL/29/6L1	LEVEL 30
DB/LL/29/7L1	LEVEL 31
DB/LL/29/7L2	LEVEL 32
DB/LL/36/4L3	LEVEL 33
DB/LL/36/5L1	LEVEL 34
DB/LL/36/5L2	LEVEL 35
DB/LL/36/5L3	LEVEL 36
DB/LL/36/6L1	LEVEL 37
DB/LL/36/7L1	LEVEL 38
DB/LL/36/7L2	LEVEL 39



LIGHTING LEGEND

- C — CIRCULAR, CEILING SURFACE LED DOWNLIGHT (GENERAL/CIRCULATION AREAS)
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L1. REFER TO LUMINAIRE SCHEDULE FOR FURTHER DETAILS ON LUMINAIRES
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- THEN EVERY 6 FLOOR THEREAFTER

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L4. EMERGENCY LIGHTING TEST KEY SWITCH LOCATION. FOR LANDLORDS AREA AT EACH FLOOR LEVEL. TEST KEY SWITCH SHALL BE PROVIDED PER EACH LIGHTING CIRCUIT.
L5. CORRIDORS AND STAIRS LIGHTING TO AUTOMATICALLY DIM/SETBACK TO 10% ILLUMINATION IN ABSENCE OF RESIDENTS.

FIRE ALARM NOTES

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WM - WALL MOUNTED
HL - HIGH LEVEL
SFS - SPINKLER FLOW SWITCH
AWLP - AIRCRAFT WARNING LIGHTS CONTROL PANEL

LIGHTING CIRCULATION CIRCUITS	
CIRCUIT REFERENCE	LEVEL
DB/LL/1M/4L1	LEVEL 4
DB/LL/08/1L2	LEVEL 5
DB/LL/08/1L1	LEVEL 6
DB/LL/08/3L1	LEVEL 7
DB/LL/08/3L2	LEVEL 8
DB/LL/08/3L3	LEVEL 9
DB/LL/08/4L1	LEVEL 10
DB/LL/08/4L2	LEVEL 11
DB/LL/15/1L2	LEVEL 12
DB/LL/15/2L1	LEVEL 13
DB/LL/15/3L1	LEVEL 14
DB/LL/15/3L2	LEVEL 15
DB/LL/15/3L3	LEVEL 16
DB/LL/15/4L1	LEVEL 17
DB/LL/22/1L2	LEVEL 20
DB/LL/22/3L1	LEVEL 21
DB/LL/22/3L2	LEVEL 22
DB/LL/22/3L3	LEVEL 23
DB/LL/22/4L1	LEVEL 24
DB/LL/22/4L2	LEVEL 25
DB/LL/29/1L2	LEVEL 26
DB/LL/29/2L1	LEVEL 27
DB/LL/29/3L1	LEVEL 28
DB/LL/29/3L2	LEVEL 29
DB/LL/29/3L3	LEVEL 30
DB/LL/29/4L1	LEVEL 31
DB/LL/29/4L2	LEVEL 32
DB/LL/36/1L2	LEVEL 33
DB/LL/36/2L3	LEVEL 34
DB/LL/36/3L1	LEVEL 35
DB/LL/36/3L2	LEVEL 36
DB/LL/36/3L3	LEVEL 37
DB/LL/36/4L1	LEVEL 38
DB/LL/36/4L2	LEVEL 39

ARCHITECTS DRAWING
XREF : 0BASE-103333-SHP-ZB-TY-PL-A-ZONE_B - GA PLAN LEVELS 04-17 & LEVELS 20-39_STAGE 4 PRE CONSTRUCTION_P06_1.DWG
DATE X-REF CREATED : 11-08-2021

1 0 1 2 3 4 5
SCALE 1:100 m

GENERAL NOTES
1. DO NOT SCALE FROM THIS DRAWING
2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED
3. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL, STRUCTURAL AND MEP DRAWINGS, DOCUMENTS, SPECIFICATIONS AND CONTRACT DOCUMENTS.

VERSION	DRWN	CHKD	AUTH	REASON FOR ISSUE	DATE
-	RB	CN	-	AS FITTED	28.03.2024
CO1				AS FITTED	

SUITABILITY CODE	SUITABILITY DESCRIPTION

Matic Building Services
Douglas House
Green Street
Wigan
WN3 4DQ

ASK / SALBOY

VIADUX

ELECTRICAL SERVICES

LIGHTING & FRE ALARM LAYOUT

LEVEL 04 TO 17 & 20 TO 39

SCALE	SHEET SIZE
1:100	A1
DRAWING NUMBER	REVISION
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