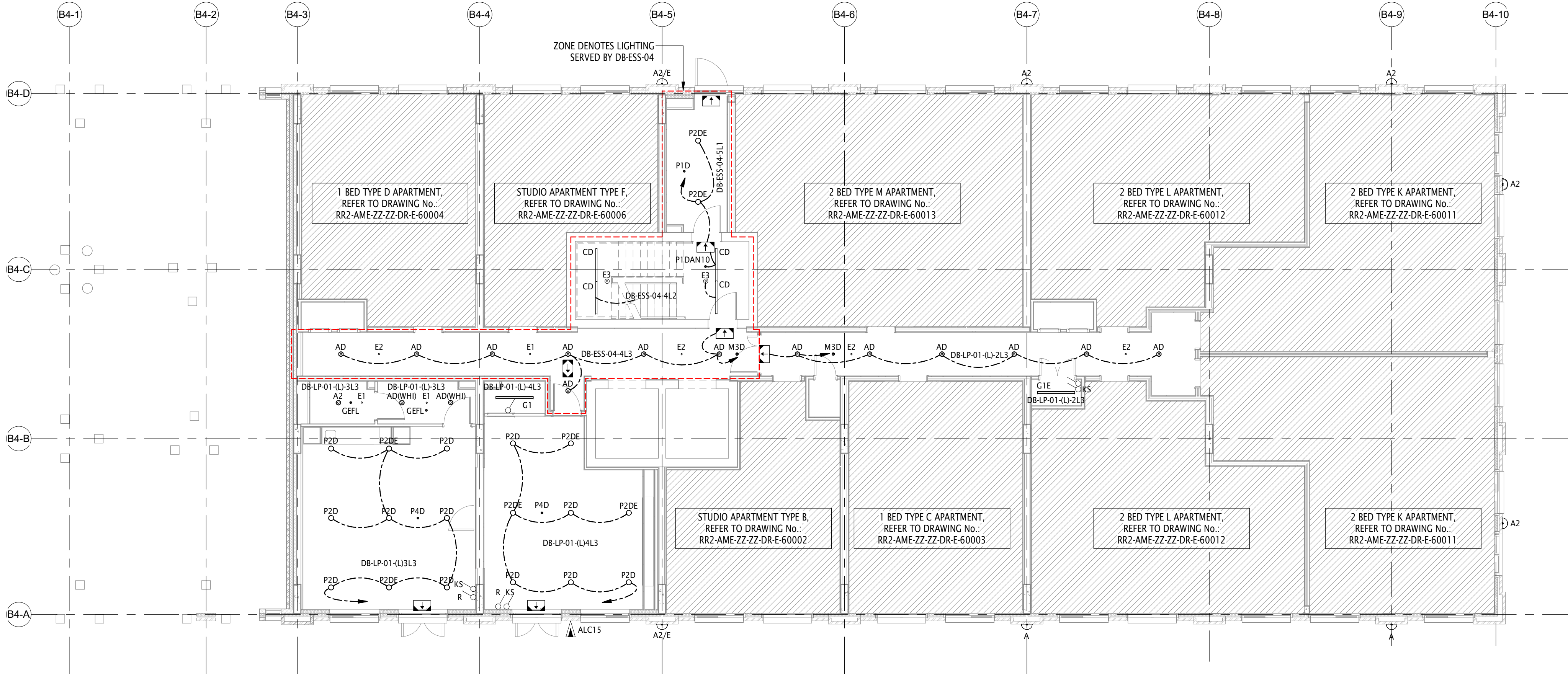


NOTES:
All dimensions must be checked on site and not scaled from this drawing.

REV	DESCRIPTION	DATE	BY
AF	AS FITTED	15.06.23	MC



1 Level 00 - Lighting
1 : 100

LEGEND:

- THIS LAYOUT SHALL BE READ IN CONJUNCTION WITH ALL OTHER SERVICES, ARCHITECTURAL AND STRUCTURAL INFORMATION, PROJECT SPECIFICATIONS AND CONTRACT DOCUMENTATION.
- THE ELECTRICAL INSTALLATION SHALL BE INSTALLED IN ACCORDANCE WITH THE 18TH EDITION OF IET WIRING REGULATIONS BS 7671 (REQUIREMENTS FOR ELECTRICAL INSTALLATIONS) INCLUDING ALL AMENDMENTS.
- THE M&E CONTRACTOR SHALL BE RESPONSIBLE FOR THE SUPPLY, COORDINATION, INSTALLATION, TESTING, COMMISSIONING AND SETTING TO WORK OF A COMPLETE GENERAL AND EMERGENCY LIGHTING SYSTEM.
- INTERNAL LIGHTING SHALL BE PROVIDED IN ACCORDANCE WITH -
 - CIBSE LIGHTING GUIDES.
 - BS 12464-1 INDOOR WORK PLACES.
- FINAL CIRCUIT WIRING SHALL BE PROVIDED VIA TWO CORE AND EARTH IN GALVANISED METALLIC BASKET AS REQUIRED.
- ALL LUMINAIRES SHALL UTILISE LED LAMPS.
- ALL LUMINAIRES SHALL BE SUPPLIED COMPLETE WITH DRIVER UNITS.
- ALL LUMINAIRES RECESSED WITHIN SUSPENDED CEILINGS SHALL BE INDEPENDENTLY SUPPORTED FROM THE BUILDING STRUCTURE.
- LUMINAIRES TO BE INSTALLED AS PER THE MANUFACTURER INSTRUCTIONS.
- ALL WIRING TO BE TERMINATED IN THE REAR OF EACH LUMINAIRE VIA 20MM PVC COMPRESSION GLANDS AND HEAT RESISTANT CABLE.
- FINAL LUMINAIRE SELECTION, SPACING AND QUANTITIES SHALL BE DETERMINED IN LINE WITH CEILING HEIGHT AND TYPE INFORMATION ISSUED BY THE ARCHITECT.
- ALL LUMINAIRES SHALL BE SUITABLY IP RATED FOR THE ENVIRONMENT THEY ARE MOUNTED IN.
- THE M&E CONTRACTOR SHALL PROVIDE A COMPLETE AND FULLY FUNCTIONING EMERGENCY LIGHTING INSTALLATION IN ACCORDANCE WITH BS 5266 AND CIBSE LG12.
- EMERGENCY ESCAPE SIGNAGE LUMINAIRES SHALL BE -
 - LOCATED INTERNALLY ABOVE ALL EMERGENCY ESCAPE & FINAL EXIT DOORS.
 - CONNECTED TO A LOCAL LIGHTING CIRCUIT.
 - OF THE SELF-CONTAINED, MAINTAINED OPERATION TYPE.
 - OF LED TYPE.
 - REFER TO DATA SHEETS FOR SPECIFIC DETAILS OF LUMINAIRES.
- EXTERNAL EMERGENCY BULKHEAD LUMINAIRES SHALL BE -
 - LOCATED EXTERNALLY ABOVE ALL FINAL EXIT DOORS.
 - CONNECTED TO A LOCAL LIGHTING CIRCUIT.
 - OF THE SELF-CONTAINED TYPE.
 - OF LED TYPE.
 - REFER TO DATA SHEETS FOR SPECIFIC DETAILS OF LUMINAIRES.
- EMERGENCY ESCAPE SIGNAGE TYPE, LOCATIONS AND QUANTITIES SHALL BE IN LINE WITH THE FIRE SAFETY STRATEGY. PRIOR TO INSTALLATION, THE DESIGN SHALL BE APPROVED BY BUILDING CONTROL AND FIRE ENGINEER.
- EMERGENCY LIGHTING SHALL BE TESTED BY KEY SWITCHES LOCATED ADJACENT TO THE DISTRIBUTION BOARD.
- ALL SWITCHES AND ACCESSORIES SHALL BE FROM A COMMON MANUFACTURER, RANGE AND FINISH THROUGHOUT THE BUILDING. WHITE PLASTIC SHALL GENERALLY BE USED WITHIN FRONT OF HOUSE AREAS AND WHERE SERVICES ARE CONCEALED. METAL CLAD AND SUITABLY IP RATED ACCESSORIES SHALL BE USED WITHIN EXTERNAL AREAS, PLANTROOMS, CLEANER AND BIN STORES AND WHERE SERVICES ARE EXPOSED. ACCESSORIES SHALL BE MANUFACTURED BY EITHER MK ELECTRIC, EATON MEM OR CRABTREE.
- ALL ELECTRICAL SWITCHES / ACCESSORIES SHALL BE INSTALLED BETWEEN 50MM AND 1200MM AFFL TO COMPLY WITH BUILDING REGULATIONS APPROVED DOCUMENT M.
- CORRIDOR CEILING TYPE 'C3' TO INCORPORATE LUMINAIRES WITH BLACK BEZEL. WHITE BEZEL ADOPTED IN ALL OTHER CEILING TYPES.

LEGEND:

- AD (WHI)
AD
A2
A2D
CD
G1
G1E
G2E
HD
HE
PD
PDE
P2D
P2DE
E1
E2
E3
E4
EB
AX/M3
FXEXBS/M/3
Exit Blade, Ceiling Mounted 3h C/W UP LEGEND
Exit Blade, Ceiling Mounted 3h C/W LEFT/RIGHT LEGEND
- RAV1090/OP/4K/DALI/WHI
RECESSED LED DOWNLIGHT C/W WHITE BEZEL
RAV1090/OP/4K/DALI/BLK
DIMMABLE RECESSED LED DOWNLIGHT C/W BLACK BEZEL
RAV1700/4K/OP/WHI
RECESSED LED DOWNLIGHT C/W/ WHITE BEZEL
RAV1700/4K/DALI/WHI
DIMMABLE RECESSED LED DOWNLIGHT C/W/ WHITE BEZEL
MIL/S/22/OP/3780/4/DALI BLACK FINISH (RAL 9005)
MILLIE SURFACE END CAP BLACK FINISH (RAL 9005)
WPZ/4/3580/4
WPZ 1285mm 3579lm 25w 840 250mA
WPZ/4/3580/4/EMR
WPZ 1285mm 3579lm 25w 840 Emergency 250mA
WPZ/5/4510/4/EMR
WPZ 1575mm 4512lm 30w 840 Emergency 250mA
LED BULKHEAD
DALI DIMMING
LDSX-04559 18W
LED BULKHEAD EMERGENCY
DOM/W/2200/4/BLK/DIM
DOMINIQUE WIDE 26W 2024lm BLACK DALI LED
DOM/W/2200/4/BLK/DALI/EMG
DOMONIQUE WIDE 26W 2024LM BLACK DALI LED EMERGENCY
DOM/W/1260/4/BLK/DIM
DOMINIQUE WIDE 12W 1258lm BLACK DALI LED
DOM/W/1260/4/BLK/DALI
DOMINIQUE WIDE 12W 1258lm BLACK DALI LED EMERGENCY
FXD015-1.5/O/3
Open Area 150lm Emr Downlighter
FXD015-1.5/C/3
Corridor 140lm Emr Downlighter
FXSD02-1.5/O/3
Surface OA Downlight 150 lm
LED3-700mA/SP/3
Spot 237lm Emr Downlighter
AX/M3
LED MAINTAINED IP65 BULKHEAD
FXEXBS/M/3
Exit Blade 3h C/W UP LEGEND
Exit Blade, Ceiling Mounted 3h C/W LEFT/RIGHT LEGEND

0m 2m 4m 6m 8m 10m
VISUAL SCALE 1:100 @ A1

LIGHTING CONTROLS LEGEND:

	DESCRIPTION	MODEL
ALC15	GREEN-I SURFACE PHOTOCELL (IP66)	ALC15
GEFL	GREEN-I (6MTR) CEILING PIR DETECTOR	GEFL
GESM	GREEN-I (7MTR) CEILING PIR DETECTOR (SURFACE)	GESM
P1	CP ELECTRONICS - (7MTR) PRM SWITCHING CEILING PIR DETECTOR MOMENTARY SWITCH CONT.	EBDSPIR-PRM
P1DAN10	CP ELECTRONICS - (7MTR) DALI DIMMING WIRELESS, RECESSED PIR DETECTOR	EBDSPIR-AT-DD
P1D	CP ELECTRONICS - (7MTR) DALI DIMMING, RECESSED PIR DETECTOR. RETRACTIVE SWITCH CONT.	EBDSPIR-DD
P4D	CP ELECTRONICS - (15MTR) DALI DIMMING, RECESSED PIR DETECTOR. RETRACTIVE SWITCH CONT.	EBDMR-DD
P6	CP ELECTRONICS - (7MTR) CEILING PIR DETECTOR (SURFACE)	EBDSM-PRM
M3D	CP ELECTRONICS - (17MTR) DALI DIMMING RECESSED PRESENSE DETECTION RETRACTIVE SWITCH. CONT.	MWS3A-DD
KS	KEY SWITCH	
R	1 GANG SWITCH (20A)	
R	1 GANG RETRACTIVE SWITCH (3 POSITION)	
M	1 GANG MOMENTARY SWITCH	

FOR LIGHTING CONTROLS DESCRIPTION AND WIRING SCHEMATIC, REFER TO AMEON DRAWING No.: RR2-AME-ZZ-ZZ-DR-E-61013

AS FITTED

Client 	Job Title Rochdale Riverside Phase 2	Drawing Title B4 Level 00 Lighting Layout	Date JAN 2022	Drawn by MC	Check by RL
Scale @ A1 As indicated			Status CR	Revision AF	
Drawing Number RR2-AME-B4-00-DR-E-63001					

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