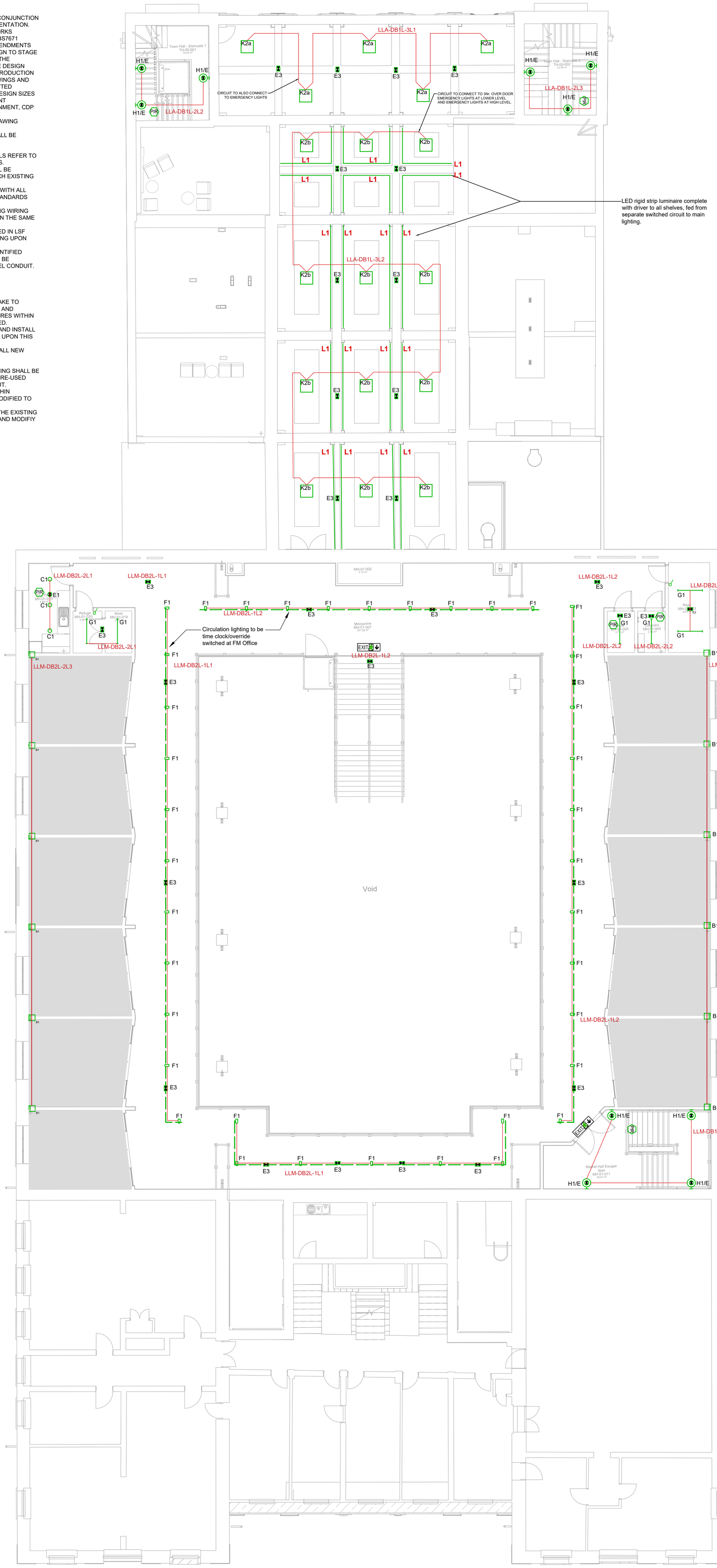
A1

Notes :

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER PROJECT DOCUMENTATION.
2. ALL ELECTRICAL INSTALLATION WORKS INSTALLED IN ACCORDANCE WITH BS7671 INCORPORATING ALL CURRENT AMENDMENTS
3. THIS LAYOUT IS A TECHNICAL DESIGN TO STAGE 4 (4A) FEASIBLE GENERIC DESIGN. THE CONTRACTOR SHALL DEVELOP THE DESIGN THROUGH STAGE 4 (4B & 4C) THE PRODUCTION OF COORDINATED WORKING DRAWINGS AND STAGE 5 INSTALLATION AND AS FITTED DRAWINGS INCLUDING DETAILED DESIGN SIZES FOR FINALLY PROCURED EQUIPMENT SELECTIONS, SECONDARY CONTAINMENT, CDP ELEMENTS etc.
4. ALL SERVICES SHOWN ON THIS DRAWING INCLUDING SUPPORT BRACKETS & SUPPLEMENTARY STEELWORK SHALL BE DESIGNED AND INSTALLED BY THE CONTRACTOR.
5. FOR PLANT AND EQUIPMENT DETAILS REFER TO SCOPE OF WORKS AND SCHEDULES.
6. ALL ELECTRICAL EQUIPMENT SHALL BE SUPPLIED AND INSTALLED TO MATCH EXISTING SITE WIDE STANDARDS..
7. THE CONTRACTOR SHALL COMPLY WITH ALL ENGIE SERVICES LTD SITE WIDE STANDARDS AND PROCEDURES.
8. ANY MODIFICATION TO THE EXISTING WIRING SYSTEMS SHALL BE UNDERTAKEN IN THE SAME METHOD.
9. ALL FINAL CIRCUITS SHALL BE WIRED IN LSF TWIN AND EARTH TO MATCH EXISTING UPON CABLE BASKET.
10. ALL CABLES DROPS WHEN NOT IDENTIFIED WITHIN SURFACE TRUNKING SHALL BE RECESSED INSTALLED WITHIN STEEL CONDUIT.

LIGHTING NOTES:

1. THE CONTRACTOR SHALL UNDERTAKE TO SAFELY ISOLATE, REMOVE, RE-USE AND DISPOSE OF THE EXISTING LUMINAIRES WITHIN THE AREAS OF SCOPE AS IDENTIFIED.
2. THE CONTRACTOR SHALL SUPPLY AND INSTALL ALL NEW LUMINAIRES AS DETAILED UPON THIS DRAWING.
3. THE CONTRACTOR SHALL INSTALL ALL NEW LUMINAIRES IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
4. EXISTING LUMINAIRES AND SWITCHING SHALL BE REMOVED AND EXISTING CIRCUITS RE-USED AND MODIFIED TO SUIT NEW LAYOUT.
5. EXISTING LIGHTING TO REMAIN WITHIN CLASSROOM AND SWITCH TO BE MODIFIED TO SUIT NEW DOOR LOCATION.
6. THE CONTRACTOR SHALL UTILISE THE EXISTING THE EXISTING LIGHTING CIRCUITS AND MODIFIY TO SUIT THE LAYOUTS



LEGEND

- B1 — FAGERHULT - WALL 1 WHITE LED UPLIGHTER 30W, 4000K LED, DALI CONTROL
- B2 — VESPERE WALL - DECORATIVE LED LUMINAIRE FOR HORIZONTAL WALL MOUNTING WITH 50% UPLIGHT AND 50% DOWNLIGHT - 1x30W LED
- C1 — ESPRIT LED - LED DOWN LIGHT WITH INJECTION MOULDED POLYCARBONATE BODY, DIE CAST ALUMINIUM HEATSINK AND SPECULAR REFLECTOR. REMOTE DRIVER FOR FLEXIBILITY AND RAPID INSTALLATION. FOR CEILING THICKNESSES OF 1 TO 30MM - 1x10.1W LED
- D1 — FAGERHULT - COBBLER PENDANT SUSPENDED LED GLOBE PENDANT WITH CHAMPAGNE SHADE 8W, 4000K LED, DALI CONTROL
- E1 — FLORIN E3 - STAND ALONE RECESSED HIGH PERFORMANCE LED EMERGENCY LUMINAIRE WITH CHARGE INDICATOR, DRIVER, CHARGER AND BATTERY. CAPABLE OF OPERATION IN NON-MAINTAINED MODE. IN ARTICULATED HOUSING FOR EASY INSTALLATION. OPEN AREA DISTRIBUTION - 1x3W LED
- E2 — FLORIN E3 - STAND ALONE RECESSED HIGH PERFORMANCE LED EMERGENCY LUMINAIRE WITH CHARGE INDICATOR, DRIVER, CHARGER AND BATTERY. CAPABLE OF OPERATION IN NON-MAINTAINED MODE. IN ARTICULATED HOUSING FOR EASY INSTALLATION. ESCAPE ROUTE DISTRIBUTION - 1x3W LED
- E3 — FLORIN E3 - STAND ALONE SURFACE MOUNTED HIGH PERFORMANCE LED EMERGENCY LUMINAIRE WITH CHARGE INDICATOR, DRIVER, CHARGER AND BATTERY. CAPABLE OF OPERATION IN NON MAINTAINED MODE. SUPPLIED WITH BOTH OPEN AREA AND ESCAPE ROUTE DISTRIBUTION LENSES
- E4 — EX65 IP65 EMERGENCY BULKHEAD WITH PRISMATIC DIFFUSER. SUPPLIED FOR MAINTAINED OPERATION AS STANDARD BUT CAN BE WIRED AS NON MAINTAINED ON SITE IF REQUIRED - 1x3.2W LED
- EX/* — LED ILLUMINATED EXIT SIGN WITH DIRECTIONAL LEGEND AS PER DRAWING. * DENOTES DOUBLE SIDED
- F1 — ACCENT LED SPOTLIGHT WITH DIE-CAST ALUMINIUM BODY, REFLECTOR WITH CLEAR GLASS AND VERTICAL CONTROL GEAR HOUSING. WITH GLOBAL PRO TRACK ADAPTER SUITABLE FOR USE ON WHITECROFT DIRECT D3 TRACK. SWIVEL AND TILT ADJUSTMENT FOR FLEXIBILITY. MEDIUM BEAM ANGLE - 1x22W LED
- F2 — FAGERHULT - TOUCH MINI 930 LENS TRACK MOUNTED ELLIPTIC WIDE BEAM SPOT 18W, 4000K LED, DALI CONTROL
- G1 — STILETTO LED 2 - IP40 STEEL BODIED LUMINAIRE WITH CO-EXTRUDED, REEDED POLYCARBONATE DIFFUSER, WITH TRANSLUSCENT CENTRE SECTION AND PRECISION LINEAR PRISMS TO MINIMISE GLARE FROM ALL VIEWING ANGLE DIFFUSER RETAINED ALONG COMPLETE LENGTH - 28W LED
- G2 — AVENUE METRO - SUSPENDED LINEAR LED SYSTEM WITH INTEGRAL UPLIGHT, A MODERN MINIMALIST AESTHETIC AND TP(A) POD OPTIC. 80% DOWNLIGHT, 20% UPLIGHT RATIO. MODULAR OPTIONS FOR CREATING CLEAN CONTINUOUS LINES OF LIGHT OR AS A STAND-ALONE LUMINAIRE FOR USE IN MULTI-FUNCTIONAL SPACES INCLUDING IN LG7 COMPLIANT SCHEMES - 1x41W LED
- G3 — AVENUE METRO - SUSPENDED LINEAR LED SYSTEM WITH INTEGRAL UPLIGHT, A MODERN MINIMALIST AESTHETIC AND TP(A) POD OPTIC. 80% DOWNLIGHT, 20% UPLIGHT RATIO. MODULAR OPTIONS FOR CREATING CLEAN CONTINUOUS LINES OF LIGHT OR AS A STAND-ALONE LUMINAIRE FOR USE IN MULTI-FUNCTIONAL SPACES INCLUDING IN LG7 COMPLIANT SCHEMES - 1x29W LED
- G4 — AVENUE METRO - SUSPENDED LINEAR LED SYSTEM WITH INTEGRAL UPLIGHT, A MODERN MINIMALIST AESTHETIC AND TP(A) POD OPTIC. 80% DOWNLIGHT, 20% UPLIGHT RATIO. MODULAR OPTIONS FOR CREATING CLEAN CONTINUOUS LINES OF LIGHT OR AS A STAND-ALONE LUMINAIRE FOR USE IN MULTI-FUNCTIONAL SPACES INCLUDING IN LG7 COMPLIANT SCHEMES - 1x25W LED
- H1 — KOLO, 400MM, IP44 - CIRCULAR CAST ALUMINIUM BODY LED LUMINAIRE WITH INJECTION MOULDED BASE. 400MM DIAMETER. HIGH GRADE LED SPECIFIC POLYMER DIFFUSER FOR UNIFORMED DIFFUSION OF LIGHT. OPTIONAL EMERGENCY INTEGRATION AND INTEGRAL MICROWAVE SENSOR WITH SET-BACK FUNCTIONALITY AVAILABLE - 21W LED
- J1 — MIRAGE LED SURFACE - SURFACE MOUNTED DOWNLIGHTER WITH CAST ALUMINIUM BODY AND SPECULAR REFLECTOR. CLEAN AESTHETIC WITH NO VISIBLE FIXINGS. BODY HEIGHT 200MM. 4000K - 18W LED
- X1 — WE-EF - OLV344 IP65 EXTERNAL SURFACE MOUNTED WALLWASHER GREY (RAL7016) DIE-CAST ALUMINIUM ALLOW FINISH 24LED 48W, 4000K
- K1 — FAGERHULT - LTS CERL-P-314.840_DALI 1x234.5W SUSPENDED LED PENDANT 1200mm DIA. DIRECT/INDIRECT PENDANT WITH OPAL DIFFUSER AND WHITE FINISH - 234.5W, 14560lm, 4000K LED, DALI CONTROL
- K2a — LIGMAN ARDEN 4 SUSPENDED LED PENDANT 600mmX600mm DIRECT PENDANT WITH OPAL DIFFUSER AND FINISH WHITE. 59W, 7154lumen, 4000K LED, DALI CONTROL
- K2b — LIGMAN ARDEN 4 SUSPENDED LED PENDANT 600mmX600mm DIRECT PENDANT WITH OPAL DIFFUSER AND FINISH WHITE. 73W, 9081lumen, 4000K LED, DALI CONTROL
- K3 — TEGAN 2 RECESSED 600MM X 600MM LUMINAIRE WITH SLIM LINE BODY AND QUADRAPRISM OPTIC. SUITABLE FOR LG7 COMPLIANT OFFICE SCHEMES AND GENERAL AREA LIGHTING.
- L1 — LED RGB RIGID DIMMABLE STRIP LIGHT COMPLETE WITH LED DRIVER AND COLOUR SETTING CONTROLLER, LED / DRIVER CONCEALED / CLIPPED ON SHELF. SCENE SETTING CONTROLLER LOCATED IN ACCESSIBLE LOCATION.
- SINGLE WAY LIGHTING SWITCH
- TEST KEY SWITCH
- SINGLE WAY DALI DIMMER SWITCH
- 2 WAY DALI DIMMER SWITCH
- PIR — NEW IP54 STAND ALONE PRESENCE DETECTOR
- MW — CEILING MOUNTED RECESSED INSTALLED LONG RANGE MICROWAVE DETECTOR
- FAGERHULT - WIRE SUSPENDED TRACK BLACK CONTROL TRACK WITH DALI CONTROL
- CP — CONTACTOR ENCLOSURE TO ALLOW CONTROL OF GROUND FLOOR MARKET HALL LIGHTING FROM OFFICE
- TC — TIMECLOCK ENCLOSURE TO CONTROL TIMECLOCK

NOTE: LUMINAIRES WITH /'E' - DENOTES INTEGRAL EMERGENCY CONVERSION)

HATCH DENOTES LIGHTING TO BE PROVIDED BY THE TENANT.

Revision	Description	Date
B	AMENDED IN LINE WITH COMMENTS FROM M&E SITE MEETING 10/05/23	11/05/23
A	AMENDED IN LINE WITH CLANCY & AHR COMMENTS, AND SITE REVIEW	17/04/23
	DRAWING BASED ON CLANCY DRAWING NUMBER 7-8956-CCL-XX-M-DR-E-6302 REVISION C2	

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Drawn: S.M.
Checked:
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Approved:
Date: 31/10/22
DRAWING NUMBER: 200746/E06
Scale: 1:100 - A1
REVISION: A B

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