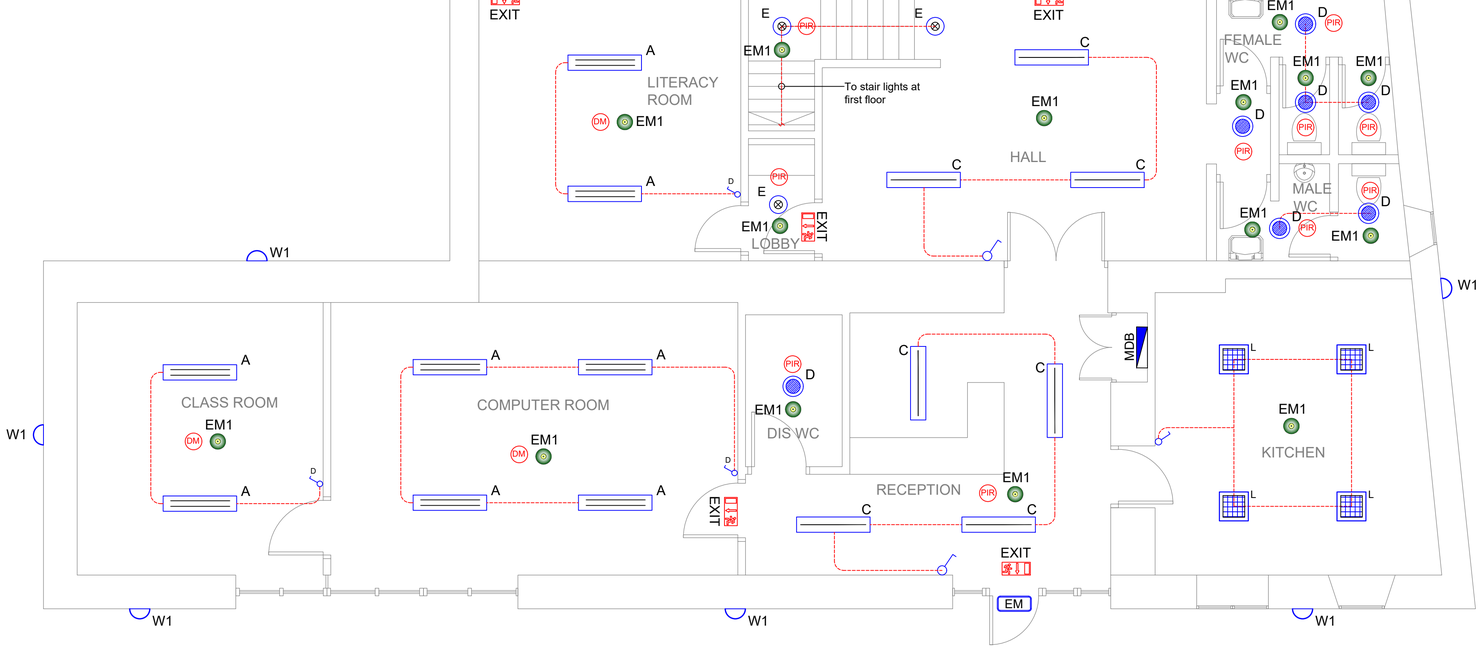
SCHEDULE OF SYMBOLS

D	20 W LED DOWNLIGHT - THORN VOYAGER OR EQUIVALENT APPROVED
EM1	ANTI PANIC EMERGENCY LUMINAIRE C/W 3 HOUR BATTERY PACK- NON MAINTAINED
B	LED FLAT PANEL 600x600MM, 4000 K, 3200 lm, 36 W OR EQUIVALENT APPROVED
L	LED FLAT PANEL 600x600MM, 4000 K, 3100 lm, 27 W OR EQUIVALENT APPROVED
A	PHILIPS CORELINE SURFACE-MOUNTED GEN4 – SM136V G4 38.5W, 6000lm 840, DALI, 1200×200 mm OR EQUIVALENT APPROVED
C	PHILIPS LEDINAIRE SURFACE MOUNTED SM060C 1200 MM, 3200 LM, 36W OR EQUIVALENT APPROVED
E	CAPRA- SURFACE MOUNTED BULKHEAD LIGHT, IMPACT RESISTANT POLYCARBONATE DIFFUSER, 3000K, 15W, IP54
W1	EXTERNAL WALL MOUNTED LIGHT FIXTURE -IP66
EM	'VENTILUX EXLUX LED' MAINTAINED EMERGENCY SURFACE MOUNTED EXIT SIGN - 3 HOURS DURATION
EXIT	WP BULKHEAD' L.E.D. EXTERNAL EMERGENCY BULKHEAD LIGHTS
EXIT	EMERGENCY EXIT SIGN, ARROW TOWARDS RIGHT
DM	CEILING MOUNTED LIGHTING DETECTOR INCORPORATE DAY LIGHT, PHOTO CELL & ABSENCE DETECTION CONTROLS
PIR	PASSIVE INFRARED SENSOR
	ONE WAY SWITCH TO COMPLY WITH BS EN 60669-1:2000
D	DIMMABLE SWITCH, ONE WAY TO COMPLY WITH BS EN 60669-1:2000
MDB	MAIN DISTRIBUTION BOARD
T	THERMOSTAT



GENERAL NOTES

1. ALL DRAWINGS ARE TO BE READ IN CONJUCTION WITH ALL RELEVANT SPECIFICATIONS, BILLS OF QUANTITIES, ARCHITECTURAL, SERVICES AND ENGINEERING DRAWINGS.
2. ANY DISCREPANCIES BETWEEN THESE DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
3. ALL DIMENSIONS ARE IN MILLIMETRES, UNLESS NOTED OTHERWISE.
4. ALL LEVELS ARE IN METRES RELATED TO ORDINANCE DATUM.
5. DRAWINGS ARE NOT TO BE SCALED.
6. THE MECHANICAL & ELECTRICAL CONTRACTOR SHALL COMPLY WITH ALL CURRENT BUILDING REGULATIONS.
7. THE MECHANICAL & ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE CO-ORDINATION OF ALL SERVICES.
8. INSTALLATION TO BE CARRIED OUT IN ACCORDANCE WITH BUILDING REGULATIONS.
9. HEIGHTS OF ALL ELEMENTS TO BE IN ACCORDANCE WITH BUILDING REGULATIONS TGD PART M.

ELECTRICAL NOTES

1. THE INSTALLATION SHALL COMPLY WITH NATIONAL RULES FOR ELECTRICAL INSTALLATIONS, FIFTH EDITION, IS 10101:2020 AND ALL AMENDMENTS.
2. THE MECHANICAL & ELECTRICAL CONTRACTOR SHALL COMPLY WITH ALL CURRENT BUILDING REGULATIONS.
3. THE MECHANICAL & ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE CO-ORDINATION OF ALL SERVICES.
4. ALL LIGHT FITTINGS TO USE L.E.D. LAMPS IN ACCORDANCE WITH BUILDING REGULATIONS TGD PART L.
5. IN ACCORDANCE WITH THE REQUIREMENTS OF PART M OF THE BUILDING REGULATIONS THE FOLLOWING HEIGHTS TO BE APPLIED TO ALL ACCESSORIES:
   - LIGHT SWITCHES - 1050 mm;
   - SOCKET OUTLETS (INTERNAL & EXTERNAL) - 450 mm;
   - ABOVE COUNTER SOCKETS AND SWITCHES - 1050 mm;
   - DOOR BELL - 1050 mm;
   - THERMOSTATS - 1500 mm.

LIGHTING NOTES

1. ALL SERVICES WITHIN THE EXTENSION TO BE FLUSH GALVANIZED CONDUIT RUNS.
2. GALVANIZED STEEL TRUNKING TO ENCLOSE MULTIPLE RUNS OF CABLE.
3. ALL SOCKETS AND SWITCHES TO BE ROBUST AND DURABLE IN QUALITY.
4. ALL ELECTRICAL WORKS ARE TO BE PRICED IN ACCORDANCE WITH ALL M&E DRAWINGS AND DOCUMENTATION.
5. THE CONTRACTOR SHALL PROVIDE SAMPLES OF ALL LIGHT FITTINGS AND ACCESSORIES TO THE ARCHITECT FOR APPROVAL PRIOR TO ORDERING.
6. THE LIGHTING INSTALLATION WILL CONSIST OF MANUAL ON/OFF CONTROLS AND TWO WAY SWITCHING, MANUAL DIMMING, AUTOMATIC LIGHTING CONTROLS, ABSENCE DETECTION, AND DAYLIGHT SENSING.
7. LIGHTING SWITCHES IN STORES SHALL BE PUSH TYPE C/W AUTOMATIC TIME DELAY RELEASE.
8. EXTERNAL BUILDING MOUNTED LIGHTING SHALL BE CONTROLLED BY TIMECLOCK & PHOTOCELL.

HAGER COMBINED ABSENCE DETECTOR & DAYLIGHT OR EQUAL APPROVED FITTING C/W ASSOCIATED SOLID BACKBOXES SENSOR EEK523P (CLASSROOMS)

Rev	Drg grid ref	Description	Drawn by	Checked by	Appd by	Date
T4		ISSUED FOR TENDER	SK	TOC	TOC	24/07/2025
T3		ISSUED FOR TENDER	KT	TOC	TOC	09/07/2025
T2		ISSUED FOR TENDER	AFR	TOC	TOC	12/01/2025
T1		ISSUED FOR TENDER	KT	AFR	TOC	28/11/2025

Please check scale bar before scaling this drawing.

0 1 2 3 4 5 6 7 8 9 10cm

TEM Contract: 18572 Nenagh FET Centre

Scale (at full size): 1:50

PROJECT: Upgrade Work to Nenagh Further Education Centre, Kenyon Street, Co. Tipperary

CLIENT: Tipperary Education and Training Board

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Title: GENERAL & EMERGENCY LIGHTING LAYOUT GROUND FLOOR

TEM No.	Sheet	Rev.
18572-2-301	1 / 1	T4