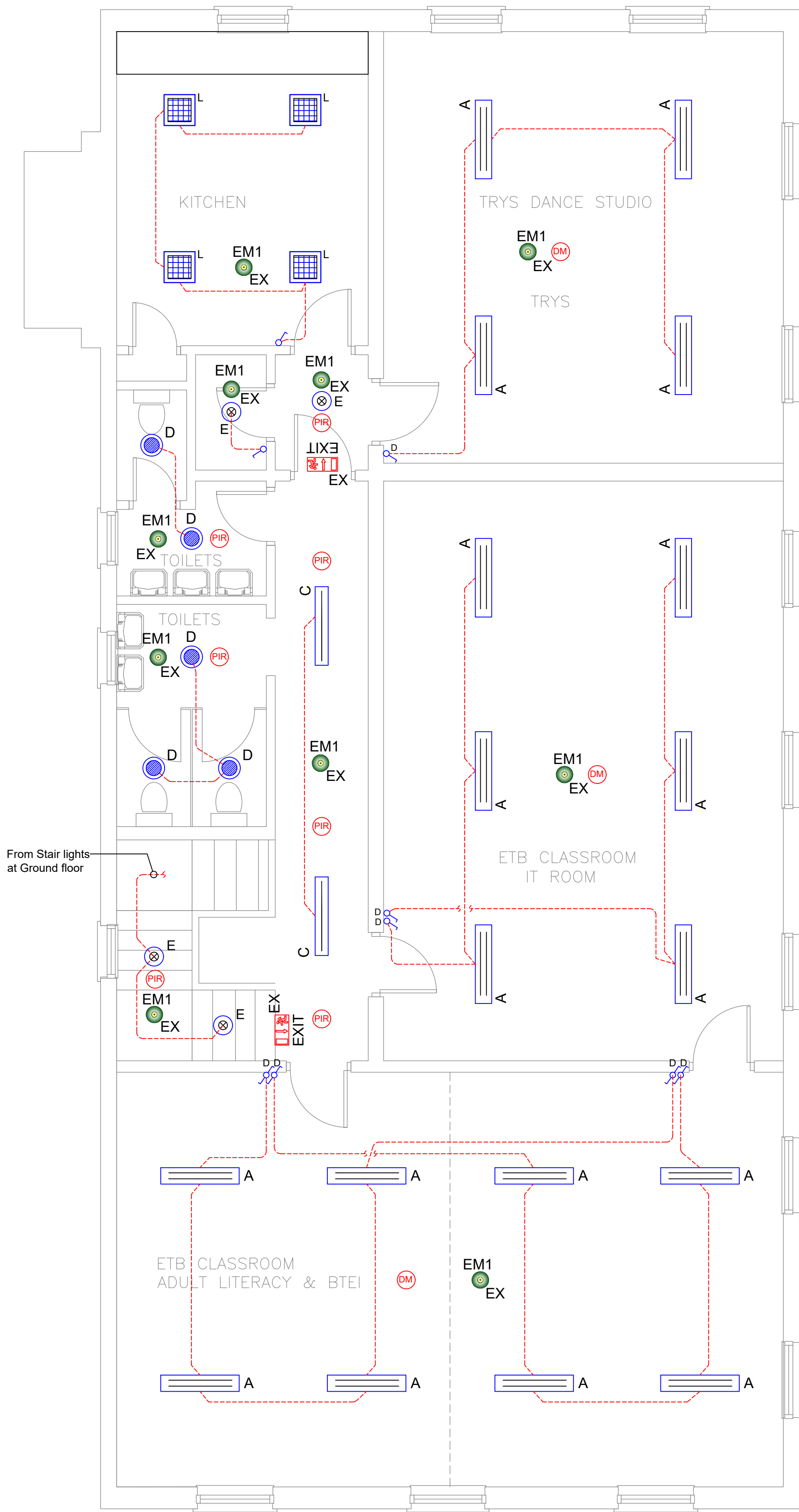


NOTE: EXISTING EMERGENCY LIGHTING SYSTEM TO BE RETAINED



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

SCHEDULE OF SYMBOLS

	20 W LED DOWNLIGHT - THORN VOYAGER OR EQUIVALENT APPROVED
	ANTI PANIC EMERGENCY LUMINAIRE C/W 3 HOUR BATTERY PACK- NON MAINTAINED
	LED FLAT PANEL 600x600MM, 4000 K, 3200 lm, 36 W OR EQUIVALENT APPROVED
	PHILIPS CORELINE SURFACE-MOUNTED GEN4 - SM136V G4 38.5W, 6000lm 840, DALI, 1200x200 mm OR EQUIVALENT APPROVED
	PHILIPS LEDINAIRE SURFACE MOUNTED SM060C 1200 MM, 3200 LM, 36W OR EQUIVALENT APPROVED
	CAPRA- SURFACE MOUNTED BULKHEAD LIGHT, IMPACT RESISTANT POLYCARBONATE DIFFUSER, 3000K, 15W, IP54
	VENTILUX EXLUX LED MAINTAINED EMERGENCY SURFACE MOUNTED EXIT SIGN - 3 HOURS DURATION
	WP BULKHEAD L.E.D. EXTERNAL EMERGENCY BULKHEAD LIGHTS
	EXTERNAL WALL MOUNTED LIGHT FIXTURE -IP68
	CEILING MOUNTED LIGHTING DETECTOR INCORPORATE DAY LIGHT, PHOTO CELL & ABSENCE DETECTION CONTROLS
	PASSIVE INFRARED SENSOR
	ONE WAY SWITCH TO COMPLY WITH BS EN 60669-1:2000
	TWO WAY SWITCH TO COMPLY WITH BS EN 60669-1:2000
	DIMMABLE SWITCH, TWO WAY TO COMPLY WITH BS EN 60669-1:2000
	PUSH TYPE SWITCH WITH AUTO TIME DELAYED RELEASE
	MANUAL ON/OFF PUSH BUTTON SWITCH
	EXISTING EMERGENCY LIGHTING

REFERENCE DOCUMENTS

GENERAL NOTES

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

ELECTRICAL NOTES

- THE INSTALLATION SHALL COMPLY WITH NATIONAL RULES FOR ELECTRICAL INSTALLATIONS, FIFTH EDITION, IS 10101:2020 AND ALL AMENDMENTS.
- THE MECHANICAL & ELECTRICAL CONTRACTOR SHALL COMPLY WITH ALL CURRENT BUILDING REGULATIONS.
- THE MECHANICAL & ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE CO-ORDINATION OF ALL SERVICES.
- ALL LIGHT FITTINGS TO USE L.E.D. LAMPS IN ACCORDANCE WITH BUILDING REGULATIONS TGD PART L.
- 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

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

T3		ISSUED FOR TENDER	SK	TOC	TOC	24/07/2028
T3		ISSUED FOR TENDER	JP	TOC	TOC	08/07/2028
T2		ISSUED FOR TENDER	AFR	TOC	TOC	12/01/2028
T1		ISSUED FOR TENDER	SK	TOC	TOC	28/11/2023

Please check scale bar before scaling this drawing.					
TEM Contract	18572 Cashel FET Centre				Scale (at full size) 1:50

PROJECT	Upgrade Work to Cashel Further Education Centre, Hogan's Square, Co. Tipperary
CLIENT	Tipperary Education and Training Board

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Title	GENERAL & EMERGENCY LIGHTING LAYOUT FIRST FLOOR				
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TEM No.	Sheet	Rev.
18572-1-302	1 / 1	T4