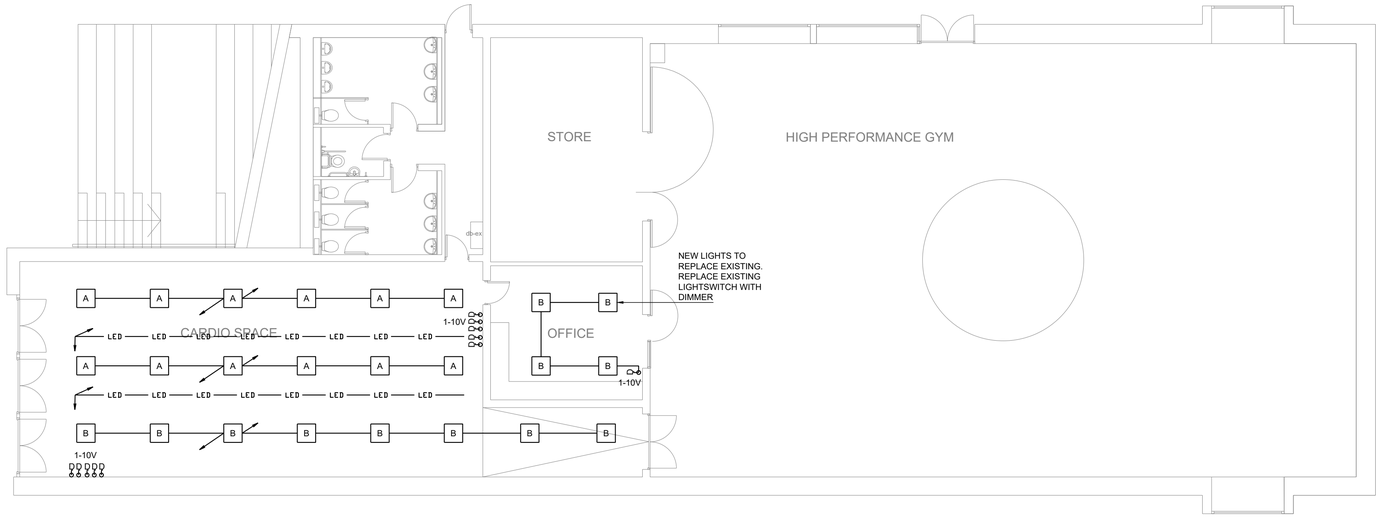


1 NEW GENERAL LIGHTING LAYOUT

Scale: 1:100

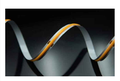
TYPE A (DIMMABLE) - SUPPLIER MIDWEST LIGHTING

MANUFACTURER	COM LITE	CHL30LG/4/D	
INSTALLATION TYPE	RECESSED	DIMENSIONS	600 X 600 X 28MM
CONSTRUCTION	ALUMINIUM	BALLAST TYPE	LED
COLOUR / RAL NO.	WHITE	DIMMING	**YES** (1-10V)
REFLECTOR / LOUVRE	OPAL	EMERGENCY	NO
LAMP SOURCE	30W 4000K, 5395 LUMEN	LIGHT DISTRIBUTION	SYMMETRICAL
NO. OF LAMPS	1	INGRESS PROTECTION	IP44

TYPE B (DIMMABLE) - SUPPLIER MIDWEST LIGHTING

MANUFACTURER	COM LITE	CHL30LG/4/D & SURFACE FRAME PSF600/600	
INSTALLATION TYPE	SURFACE	DIMENSIONS	600 X 600 X 28MM
CONSTRUCTION	ALUMINIUM	BALLAST TYPE	LED
COLOUR / RAL NO.	WHITE	DIMMING	**YES** (1-10V)
REFLECTOR / LOUVRE	OPAL	EMERGENCY	NO
LAMP SOURCE	30W 4000K, 5395 LUMEN	LIGHT DISTRIBUTION	SYMMETRICAL
NO. OF LAMPS	1	INGRESS PROTECTION	IP44

TYPE LED STRIP



MANUFACTURER	AURORA	CHROMAFLEX LED STRIP RGB COLOUR CHANGING - 13M LENGTH	
INSTALLATION TYPE	SURFACE (LEDGE)	DIMENSIONS	-
CONSTRUCTION	ALUMINIUM	BALLAST TYPE	LED DRIVER
COLOUR / RAL NO.	-	DIMMING	YES
REFLECTOR / LOUVRE	-	COLOUR CHANGING	YES
LAMP SOURCE	2700K LED	LIGHT DISTRIBUTION	
NO. OF LAMPS	13M LENGTH	INGRESS PROTECTION	

2 LIGHT FITTING SCHEDULE

Scale: NTS

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General notes:

This drawing to be read in conjunction with all relevant architectural drawings and specifications.

This drawing to be read in conjunction with all relevant structural drawings and specifications.

This drawing to be read in conjunction with all relevant mechanical and electrical drawings and specifications.

All dimensions in millimeters. do not scale from this drawing. only use figured dimensions only.

Contractor must verify all dimensions on site prior to installation of services and production of working drawings.

LIGHTING SERVICES

Standard notes:

1. This drawing is to be read in conjunction with the Electrical Technical Specification which mentions items not specifically mentioned on these drawings.
2. All cabling for lighting circuits to be 1.5mm Cca LSOH singles in steel conduit and trunking.
3. All switch locations to be co-ordinated on site with the latest architectural drawings at the time of installation.
4. Each light fitting to have its own click as described in the technical specification.
5. The wiring installation must be installed in accordance with the ETCI Regulations IS10101
6. All light switches to be mounted at 1200mm AFFL from centre of light switch.
7. The electrical contractor shall include for providing a light sample of each light fitting for the Consulting Engineers and architects approval prior to ordering.
8. The Electrical Contractor shall co-ordinate fully with the Main Contractor and Mechanical prior to the installation of any cabling and containment. Claims for abortive work will not be entertained.
9. Light Fittings shall be installed in strict accordance with the manufactures instructions.
10. In the event that alternative light fittings are proposed, the electrical contractor shall produce and submit full lighting calculations and cost benefit analysis for the Consulting Engineer to review and approve.

Legend:

SYMBOL	DESCRIPTION
	SINGLE POLE ONE WAY SWITCH
R	RETRACTIVE SINGLE POLE ONE WAY SWITCH
D	DIMMER SINGLE POLE ONE WAY SWITCH
	SINGLE POLE TWO WAY SWITCH
	RETRACTIVE SINGLE POLE TWO WAY SWITCH
	DIMMER SINGLE POLE TWO WAY SWITCH
	INTERMEDIATE SWITCH
LCM	LIGHTING CONTROL PANEL
XG	DENOTES NO. OF GANGS ON SWITCH PLATE
1-10V	DENOTES DIMMABLE SWITCHING
AS	DAYLIGHT LINKING / DIMMING / ABSENCE / PHOTO ELECTRIC SENSOR - 24M RANGE
A	1200 X 600 RECESSED/SUFACE FLUORESCENT
A	600 X 600 RECESSED/SUFACE FLUORESCENT
A	1500MM RECESSED/SUFACE FLUORESCENT
A	1200MM RECESSED/SUFACE FLUORESCENT
A	RECESSED DOWNLIGHT
A	WALL LIGHT
T	TIME CLOCK
	PHOTOCELL

Rev	Description	Date
P01	For Information	dd/mm/2025

MOLONEYFOX CONSULTING ENGINEERS
46 O'Connell Street, Limerick | T: 061277841
E: info@MFConsulting.ie | www.MoloneyFoxConsulting.ie

Client: Mary Immaculate College

Architect: Quinn Architects

Project: High Performance Gym
T2 Tailteann Building, MIC

Drawing: Electrical Installation
Lighting Services New

MFC Project Reference | 26.3138 | Scale | 1:100 A1

Drawn | BC | Checked | TK | Approved | JM

Drawing Reference: 26.3138-MFC-XX-00-DR-E-6300 (S2) (P01) | Status: | Rev: