A1



EMERGENCY LIGHTING SERVICES INSTALLATION LAYOUT FOR 'AREA A' ON THE GROUND FLOOR OF THE BUILDING (SCALE 1:125)

TYPE 'E1'

SINGLE-SIDED EMERGENCY EXIT SIGN (WALL MOUNTED).



- WALL MOUNTED EMERGENCY EXIT SIGN
- SINGLE SIDED
- REFER TO DRAWING FOR DIRECTION OF THE LEGEND
- FINISHED IN WHITE (RAL 9016)
- BUILT-IN DOWNLIGHTER (70 LUMENS)
- 1watt LED STRIP.
- WEIGHT IS 1.5kg
- CE MARKED
- 6-YEARS WARRANTY ON ALL COMPONENTS INCLUDING THE BATTERY

TYPE 'E2'

DOUBLE-SIDED EMERGENCY EXIT SIGN (CEILING MOUNTED).



- CEILING MOUNTED EMERGENCY EXIT SIGN
- DOUBLE SIDED
- REFER TO DRAWING FOR DIRECTION OF THE LEGEND
- FINISHED IN WHITE (RAL 9016)
- 0.4watt LED LAMP
- WEIGHT IS 1.5kg
- CE MARKED
- 6-YEARS WARRANTY ON ALL COMPONENTS INCLUDING THE BATTERY

TYPE 'E3'

SINGLE-SIDED EMERGENCY EXIT SIGN (CEILING MOUNTED).



- CEILING MOUNTED EMERGENCY EXIT SIGN
- SINGLE SIDED
- REFER TO DRAWING FOR DIRECTION OF THE LEGEND
- FINISHED IN WHITE (RAL 9016)
- 0.4watt LED LAMP
- WEIGHT IS 1.5kg
- CE MARKED
- 6-YEARS WARRANTY ON ALL COMPONENTS INCLUDING THE BATTERY

TYPE 'E4'

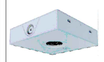
IP65 RATED SINGLE-SIDED EMERGENCY EXIT SIGN (WALL MOUNTED).



- WALL MOUNTED EMERGENCY EXIT SIGN
- SINGLE SIDED
- REFER TO DRAWING FOR DIRECTION OF THE LEGEND
- FINISHED IN WHITE (RAL 9016)
- BUILT-IN DOWNLIGHTER (70 LUMENS)
- 1watt LED.
- IP65 RATED
- CE MARKED
- 6-YEARS WARRANTY ON ALL COMPONENTS INCLUDING THE BATTERY

TYPE 'E5'

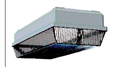
SURFACE MOUNTED EMERGENCY LIGHT FITTING WITH OPEN LENS (CEILING MOUNTED).



- SELF-CONTAINED SURFACE MOUNTED EMERGENCY LIGHT FITTING (CEILING MOUNTED)
- OPEN LENS
- FINISHED IN WHITE (RAL 9016)
- 510 LUMENS IN OPERATION.
- 4watt LED LAMP (2no x 2watt LAMPS)
- NON-MAINTAINED
- WEIGHT IS 1kg.
- CE MARKED
- 6-YEARS WARRANTY ON ALL COMPONENTS INCLUDING THE BATTERY

TYPE 'E6'

HI-BAY IP65 RATED LED BULKHEAD (CEILING MOUNTED).



- SELF-CONTAINED SURFACE MOUNTED LED EMERGENCY LIGHT FITTING (CEILING MOUNTED)
- IP65 RATED HI-BAY BULKHEAD
- FINISHED IN WHITE (RAL 9016)
- 1200 LUMENS IN OPERATION.
- 9watt LED LAMP (6no x 1.5watt LAMPS)
- NON-MAINTAINED
- WEIGHT IS 2.2kg.
- CE MARKED
- 6-YEARS WARRANTY ON ALL COMPONENTS INCLUDING THE BATTERY

TYPE 'E7'

IP65 RATED LED BULKHEAD (CEILING AND WALL MOUNTED).



- SELF-CONTAINED SURFACE MOUNTED LED EMERGENCY LIGHT FITTING (CEILING MOUNTED)
- IP65 RATED BULKHEAD
- FINISHED IN WHITE (RAL 9016)
- 188 LUMENS IN OPERATION.
- 1watt LED LAMP
- NON-MAINTAINED
- WEIGHT IS 1kg.
- CE MARKED
- 6-YEARS WARRANTY ON ALL COMPONENTS INCLUDING THE BATTERY

TYPE 'E8'

SINGLE-SIDED HANGING EMERGENCY EXIT SIGN (CEILING MOUNTED).



- HANGING EMERGENCY EXIT SIGN FROM CEILING
- SINGLE-SIDED
- REFER TO DRAWING FOR DIRECTION OF THE LEGEND
- FINISHED IN WHITE (RAL 9016)
- BUILT-IN DOWNLIGHTER (70 LUMENS)
- 1watt LED STRIP.
- WEIGHT IS 1.4kg
- CE MARKED
- 6-YEARS WARRANTY ON ALL COMPONENTS INCLUDING THE BATTERY

TYPE 'E9'

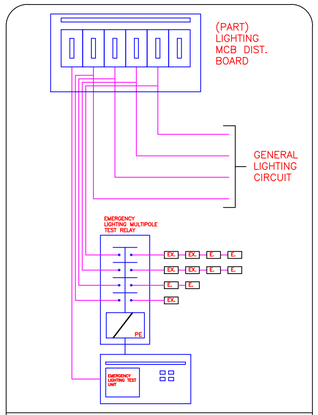
DOUBLE-SIDED HANGING EMERGENCY EXIT SIGN (CEILING MOUNTED).



- HANGING EMERGENCY EXIT SIGN FROM CEILING
- DOUBLE-SIDED
- REFER TO DRAWING FOR DIRECTION OF THE LEGEND
- FINISHED IN WHITE (RAL 9016)
- BUILT-IN DOWNLIGHTER (70 LUMENS)
- 1watt LED STRIP.
- WEIGHT IS 1.4kg
- CE MARKED
- 6-YEARS WARRANTY ON ALL COMPONENTS INCLUDING THE BATTERY

EMERGENCY LIGHTING SERVICES SYMBOLS

NMDB-02	NEW MAIN DISTRIBUTION ELECTRICAL BOARD FOR THE SCHOOL BUILDING. BOARD SHALL BE LOCATED IN THE LOCATION AS INDICATED ON DRAWING.
NSDB-**	NEW SUB-DISTRIBUTION ELECTRICAL BOARD FOR THE BUILDING. (** DENOTES THE NUMBER OF BOARD). BOARDS SHALL BE LOCATED IN THE LOCATION AS INDICATED ON DRAWING.
E1	SINGLE-SIDED EMERGENCY EXIT SIGN (WALL MOUNTED). REFER TO THE DRAWING FOR DIRECTION OF THE EXIT SIGN AND SPECIFICATION FOR FURTHER DETAILS.
E2	DOUBLE-SIDED EMERGENCY EXIT SIGN (HANGING FROM THE CEILING). REFER TO THE DRAWING FOR DIRECTION OF THE EXIT SIGN AND SPECIFICATION FOR FURTHER DETAILS.
E3	SINGLE-SIDED EMERGENCY EXIT SIGN (HANGING FROM THE CEILING). REFER TO THE DRAWING FOR DIRECTION OF THE EXIT SIGN AND SPECIFICATION FOR FURTHER DETAILS.
E4	IP65 EMERGENCY EXIT SIGN (WALL MOUNTED). REFER TO THE DRAWING FOR DIRECTION OF THE EXIT SIGN AND SPECIFICATION FOR FURTHER DETAILS.
E5	SURFACE MOUNTED STAND-ALONE LED EMERGENCY LIGHT FITTING WITH 'OPEN AREA VERSION' LENS AND 4watt LAMP. SEE SPECIFICATION FOR FURTHER DETAILS.
E6	IP65 RATED HI-BAY CEILING MOUNTED LED EMERGENCY BULKHEAD WITH 9watt LAMP. REFER TO THE SPECIFICATION FOR FURTHER DETAILS.
E7	IP65 RATED WALL/CEILING MOUNTED LED EMERGENCY BULKHEAD. REFER TO THE SPECIFICATION FOR FURTHER DETAILS.
E8	HANGING SINGLE-SIDED EMERGENCY EXIT SIGN (CEILING MOUNTED). REFER TO THE DRAWING FOR DIRECTION OF THE EXIT SIGN AND SPECIFICATION FOR FURTHER DETAILS.
E9	HANGING TWO-SIDED EMERGENCY EXIT SIGN (CEILING MOUNTED). REFER TO THE DRAWING FOR DIRECTION OF THE EXIT SIGN AND SPECIFICATION FOR FURTHER DETAILS.



EMERGENCY LIGHTING TEST FACILITY

THE CONTRACTOR SHALL ALLOW FOR DECOMMISSIONING AND REMOVING THE EXISTING EMERGENCY LIGHTING SERVICES INSTALLATION THROUGHOUT THE BUILDING. THE CONTRACTOR SHALL ALLOW FOR DECOMMISSIONING AND REMOVING ALL EXISTING EMERGENCY LIGHT FITTINGS, CABLING, CONTAINMENT, ETC. THROUIGHOUT THE BUILDING. AND THE SUPPLY AND INSTALLATION OF A NEW EMERGENCY LIGHTING SYSTEM AS HIGHLIGHTED ON THE DRAWINGS AND SPECIFICATIONS IN REPLACEMENT.

GENERAL NOTES:

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE PARTICULAR SPECIFICATIONS.
2. THE CONTRACTOR SHALL CO-ORDINATE FULLY WITH ALL OTHER TRADES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CO-ORDINATION OF ALL SERVICES AND WORKS REQUIRED FOR THE PROJECT. THE CONTRACTOR SHALL CO-ORDINATE FULLY WITH ALL OTHER TRADES BEFORE COMMENCING WORK.
3. EXTRA COSTS INCURRED DUE TO THE CO-ORDINATION EXERCISE NOT BEING COMPLETED WILL NOT BE ACCEPTED BY THE ENGINEER.
4. DO NOT SCALE THIS DRAWING. ALL DIMENSIONS TO BE TAKEN ON SITE. ALL DIMENSIONS IN mm, UNLESS STATED OTHERWISE
5. EXACT LOCATIONS OF ALL SERVICES TO BE AGREED ON SITE. FINAL LOCATIONS OF ALL SERVICES TO BE CO-ORDINATED ON SITE WITH EXISTING LOOSE AND FIXED FURNITURE LAYOUTS IN THE ROOM.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ELECTRICAL WORKS AND BUILDERS WORKS AS IDENTIFIED ON THE DRAWINGS AND IN THE SPECIFICATIONS.
7. THE MAJORITY OF THE EXISTING ELECTRICAL INSTALLATION IN THE BUILDING SHALL BE DECOMMISSIONED AND REMOVED AND REPLACED WITH NEW ELECTRICAL INSTALLATIONS. THE CONTRACTOR SHALL ALLOW FOR DECOMMISSIONING THE FOLLOWING ITEMS IN THE BUILDING AS INDICATED ON THE DRAWINGS:
   - THE EXISTING ELECTRICAL BOARDS IN THE BUILDING SHALL BE DECOMMISSIONED AND REMOVED (APART FROM THE NEW COOKER BOARDS).
   - THE EXISTING POWER AND GENERAL SERVICES INSTALLATION THROUGHOUT THE BUILDING (APART FROM THE NEW COOKER BOARDS) SHALL BE DECOMMISSIONED AND REMOVED. INCLUDING ALL SOCKETS, SPURS, ISOLATORS, CABLING, ETC.
   - THE EXISTING GENERAL LIGHTING SERVICES INSTALLATION THROUGHOUT THE BUILDING (APART FROM THE ASD CENTRAL BLOCK WHICH IS TO BE RE-WIRED ONLY AS INDICATED ON THE DRAWINGS) AND ALL THE EXTERNAL LIGHTING SHALL BE DECOMMISSIONED AND REMOVED INCLUDING ALL LIGHT FITTINGS, CABLING, CONTAINMENT, ETC.
   - THE EXISTING EMERGENCY LIGHTING SERVICES INSTALLATION THROUGHOUT THE BUILDING SHALL BE DECOMMISSIONED AND REMOVED INCLUDING ALL EMERGENCY LIGHT FITTINGS, CABLING, CONTAINMENT, ETC.
   - THE EXISTING FIRE ALARM SERVICES INSTALLATION THROUGHOUT THE BUILDING SHALL BE DECOMMISSIONED AND REMOVED INCLUDING ALL SMOKE DETECTORS, HEAT DETECTORS, PANELS, ETC.
8. THE CONTRACTOR SHALL BE RESPONSIBLE TO IDENTIFY SUITABLE FINAL ROUTES FOR ALL CONTAINMENT AND TRAY THROUGHOUT THE BUILDING FOR THE NEW ELECTRICAL SERVICES AND CABLING. NEW MAIN RUNS OF ELECTRICAL TRUNKING/TRAY SHALL BE INSTALLED IN THE AREAS AS INDICATED ON THE DRAWINGS BUT THIS IS INDICATIVE ONLY AND IF THE CONTRACTOR FINDS A MORE CONVENIENT ROUTE FOR ELECTRICAL CONTAINMENT ON SITE THEN THAT WILL BE ACCEPTABLE.

EMERGENCY LIGHTING SERVICES NOTES:

9. ALL OF THE EXISTING EMERGENCY LIGHTING INSTALLED THROUGHOUT THE BUILDING INCLUDING THE ASD AREA SHALL BE DECOMMISSIONED AND REMOVED AS PART OF THE WORKS AND A NEW EMERGENCY LIGHTING SYSTEM TO BE SUPPLIED AND INSTALLED THROUGHOUT THE BUILDING IN REPLACEMENT, IN THE LOCATIONS AS INDICATED ON THE DRAWING.
10. A NEW EMERGENCY LIGHTING SYSTEM SHALL BE INSTALLED THROUGHOUT THE BUILDING AS INDICATED ON THE DRAWINGS. THE EMERGENCY LIGHTING INSTALLATION SHALL COMPLY WITH I.S. 3217:2023.
11. THE EMERGENCY LIGHTING SYSTEM AND LIGHT FITTINGS SHALL BE CO-ORDINATED WITH SAFETY SIGNS AND FIRST AID WHICH ARE SUBJECT TO STATUTORY REQUIREMENT.
12. THE NEW EMERGENCY LIGHTING INSTALLATION IN THE BUILDING SHALL BE CONNECTED BACK THE NEW ELECTRICAL BOARDS WHERE THE LIGHTING CIRCUITS ARE FED FROM. THIS IS TO ENSURE THAT IN THE EVENT OF THE LIGHTING CIRCUIT TRIPPING IN THE BUILDING, THE EMERGENCY LIGHTING FOR THESE CIRCUITS WILL ACTIVATE.
13. THE NEW EMERGENCY LIGHTING INSTALLATION TO BE INSTALLED IN THE BUILDING SHALL BE A STAND ALONE EMERGENCY LIGHTING SYSTEM WITH REMOTE LED EMERGENCY LIGHTS.

REV	DATE	PREPARED BY/PROJECT ENGINEER	QUALITY CHECK BY:
T1	02.11.26	R. WHYTE	M. GORMLEY

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Drawing Status: TENDER

Job Title: RATOATH JUNIOR N.S.
RATOATH,
CO. MEATH.
A85 P296

Drawing Title: NEW EMERGENCY LIGHTING SERVICES INSTALLATION LAYOUT FOR 'AREA A' ON THE GROUND FLOOR OF THE BUILDING

Architect:

Drawing No: 63(E004)

Job No.	Drawn by:	Scale:	Rev.
26-066	R.W.	1:125 on A1	T1