3.2 **Emergency Lighting;** The escape route along its length, must be illuminated with emergency lighting in the event of a full interruption to the normal power supply.

3.2.1 Emergency lighting must be installed as per the requirements of B5266-1: 2016 and BS EN 1838: 2024 to cover escape routes and final exit. Positioning to be in line with fire strategy and building layout. Emergency lighting on external fire escape stairwells must be positioned as follows:

3.2.2 •Above each emergency exit
•On stairs so that each flight receives direct light
•Near all change in levels
•At every change of direction
•To illuminate exit route signage
•To ensure the centre of the escape route receives minimum 1 lux

3.2.3 All lighting must be positioned so as to avoid disability glare. The duration of any battery contained within each lighting unit or from a central battery control unit must be capable of powering the lighting system for a period of 3 hours.

3.2.4 Each system should be fitted with suitable test switches to enable regular maintenance.

3.2.5 Wiring to be carried out by a competent electrician, with circuits tested prior to commissioning.

3.2.6 Contractor is to submit full design proposals, calculations, drawings etc for contract administrator approval prior to ordering materials.

3.3 **Non-emergency Lighting;** Allow to install external lighting units on PIR's.

3.3.1 Lighting should be positioned to ensure that at least every other step receives direct light and those evacuating from the building do not face disability glare. The use of specific type of light units and their location should be considered to avoid this.

3.3.2 Lighting should be located as per the emergency lighting requirements with 1 lux in the centre of the escape route, lighting to at least every other step and above emergency exits.

3.4 **Exit Signage;** Signage must comply with the Health and Safety (Safety Signs and Signals) Regulations and BS5499.
Install 'Fire Exit' direction right signs to handrails adjacent to the exit doors on the landing.
For pricing purposes allow for 3nr as per the drawing below.

