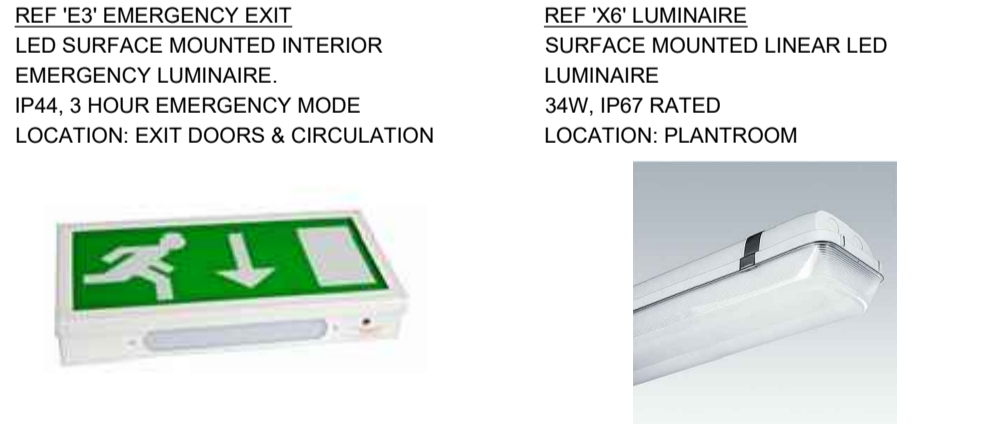


- LIGHTING SERVICES INSTALLATION NOTES**
- ALL LIGHTING CIRCUITS AND CABLING IN APARTMENTS TO BE 1.5mm<sup>2</sup> T&E IN STUD PARTITIONS AND WALL TO BE CONTAINED IN PVC CONDUIT.
  - CABLING FOR LIGHTING INSTALLATION IN ALL OTHER AREAS TO BE 2.5mm LSF SINGLES IN GALVANISED STEEL CONDUIT OR TRUNKING UNLESS OTHERWISE INDICATED.
  - EACH LUMINAIRE TO HAVE A DEDICATED "CLICK" TYPE CONNECTOR TO BE LOCATED NO MORE THAN 500mm FROM THE LUMINAIRE. THE CONNECTION BETWEEN THE "CLICK" & THE LUMINAIRE SHALL BE IN 1.5mm<sup>2</sup> PVC/LSOH FLEX.
  - WHERE EXIT SIGNS ARE INDICATED WITH A GENERAL LIGHTING LUMINAIRE THE SIGN SHALL BE PROPRIETARY TO AND COMPLETELY INTEGRATED WITH THAT LUMINAIRE.
  - ALL LIGHTING IN CORRIDOR AREAS TO BE SWITCHED AND CONTROLLED BY THE LIGHTING / CONTROL MODULES. REFER TO IN2 Dwg. No. E1180 LIGHTING SCHEMATIC.
  - THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL LUMINAIRES SPECIFIED COME COMPLETE WITH PLASTER MOUNTING KITS, RECESSING BOXES, FIXING CLIPS, LAMPS AND DRIVERS.
  - LAYOUTS SUBJECT TO CHANGE (PARTICULARLY FURNITURE / P1 & P2 LOCATIONS)

- SCHEDULE OF LIGHT SWITCHING**
- LIGHTING CIRCUIT
  - LIGHTING SUB-CIRCUIT (SEPARATE SWITCH)
  - CAT 6 ELV LIGHTING CIRCUIT FOR GROUPED LED SOURCES
  - 0 - 10V CONTROL CABLE FLUORESCENT DIMMING CONTROL CIRCUIT
  - FIRE RATED CIRCUIT FOR EMERGENCY LIGHTING
  - DENOTES INDICATIVE ROUTE OF CAST IN-SITU CONDUIT
  - LED EMERGENCY LUMINAIRES CW 3 HOUR EMERGENCY BATTERY BACKUP
  - 5A SINGLE 5A SWITCHED SOCKET OUTLET FOR USE WITH TASK LIGHTING
  - 1-GANG, 1 WAY WALL MOUNTED LIGHT SWITCH
  - M MOMENTARY / WARDROBE LIGHT SWITCHES
  - N WALL MOUNTED LIGHT SWITCH CW NEON INDICATOR
  - 2 2-GANG, 1 WAY WALL MOUNTED LIGHT SWITCH
  - 1-GANG, 2 WAY WALL MOUNTED LIGHT SWITCH
  - 2 2-GANG, 2 WAY WALL MOUNTED LIGHT SWITCH
  - INTERMEDIATE 1 WAY WALL MOUNTED LIGHT SWITCH
  - W 1-GANG, 1 WAY EXTERNAL WALL MOUNTED LIGHT SWITCH
  - W 1-GANG, 2 WAY EXTERNAL WALL MOUNTED LIGHT SWITCH
  - W WALL MOUNTED SINGLE SCENE LIGHTING CONTROL SWITCH
  - W WALL MOUNTED MULTI SCENE LIGHTING CONTROL SWITCH
  - CEILING MOUNTED 360° LIGHTING PASSIVE INFRA RED MULTI-SENSOR



REF 'A1' LUMINAIRE CEILING RECESSED LED DOWNLIGHT. 7.6 W, 500mm-3000mm, 2700K-4000K, CR180+, 80mm (W) x 81mm (D) OPTIONAL: 3HR MAINTAINED EMERGENCY BACK UP, DIMMING CONTROL, DALI. LOCATION: CIRCULATION



REF 'A2' LUMINAIRE CEILING RECESSED IP65 LED DOWNLIGHT. 7.6 W, 500mm-3000mm, 2700K-4000K, CR180+, 80mm (W) x 81mm (D) LOCATION: BATHROOMS & WCs



REF 'B1E' LUMINAIRE WALL MOUNTED IP65 LED. 15 W, 454mm, 300mm (W) x 180mm (H) x 140mm (D)



REF 'C1' LUMINAIRE SHIELDED WALL LUMINAIRE. 5.6W, 4701mm, 170mm x 80mm x 110mm



REF 'L1' LUMINAIRE RECESSED LINEAR LED STRIP KITCHEN: IP65 BATHROOM: IP20 WATTS VARY ON LENGTH. OPTIONAL: IP RATING, CASING TYPES. LOCATION: APARTMENT FURNITURE



REF 'L2' LUMINAIRE BATHROOM WALL MOUNTED 16W, IP65 RATED. LOCATION: MIRROR LIGHT



REF 'P1' LUMINAIRE FIXED LED PENDANT. 9/10 W, 500mm-700mm, 2700K, CR190. OPTIONAL: DIMMING CONTROL, CORD LENGTH, GLASS COLOUR, RETROFIT LED. LOCATION: APARTMENT DINING AREA



REF 'P2' LUMINAIRE FIXED INDUSTRIAL LIGHTS SALVAGED FROM TRAIN WORKSHOP. Ø400mm, 620mm (H) LOCATION: COMMUNAL STAIRCASE, UNIT 8 & UNIT 8



REF 'X3' LUMINAIRE EXTERNAL WALL MOUNTED LED. 14 W, IP65 RATED. LOCATION: ADJACENT TO EXTERNAL ENTRANCES



REF 'X5' LUMINAIRE WALL RECESSED LED 6W, IP67 RATED LOCATION: BRICK LIGHT



NOTE: ARCHITECTURAL DRAWING USED FOR COMPILATION OF IN2 DRAWING. ARCHITECTURAL DRAWING REVISION : DATE RECEIVED : 14.06.2019

STATUS	DATE	DESCRIPTION	DRN	ENG	APP	REV
S4	17.09.2019	CONSTRUCTION ISSUE	JDT	MS	BF	C3
S4	18.06.2019	CONSTRUCTION ISSUE	JDT	TH	BF	C2
S4	18.10.2018	CONSTRUCTION ISSUE	KO	TH	BF	C1

**IN2**  
ENGINEERING DESIGN PARTNERSHIP  
DUBLIN . ATHLONE . BELFAST . LONDON



PROJECT  
**BELSIZE PARK FIRESTATION**

CLIENT  
**PLATINUM LAND**

SCALE	SIZE	PROJECT REF:	DRAWING No.	STATUS
1:100 @ A1 1:200 @ A3	A1	L18051	L18051-IN2-00-00-DR-E-1001	S4
DRAWING TITLE <b>ELECTRICAL SERVICES INSTALLATION</b> GROUND FLOOR LEVEL LIGHTING SERVICES LAYOUT				REVISION C3