

KEYPLAN UNIT 6

LIGHTING SERVICES INSTALLATION NOTES

- 1.00 ALL LIGHTING CIRCUITS AND CABLING IN APARTMENTS TO BE 1.5mm² T&E IN STUD PARTITIONS AND WALL TO BE CONTAINED IN PVC CONDUIT.
- 2.00 CABLING FOR LIGHTING INSTALLATION IN ALL OTHER AREAS TO BE 2.5mm LSF SINGLES IN GALVANISED STEEL CONDUIT OR TRUNKING UNLESS OTHERWISE
- 3.00 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 1.5mm² PVC/LSOH FLEX.
- 4.00 WHERE EXIT SIGNS ARE INDICATED WITH A GENERAL LIGHTING LUMINAIRE THE SIGN SHALL BE PROPRIETARY TO AND COMPLETELY INTEGRATED WITH THAT LUMINAIRE.
- 5.00 ALL LIGHTING IN CORRIDOR AREAS TO BE SWITCHED AND CONTROLLED BY THE

LIGHTING / CONTROL MODULES. REFER TO IN2 Drg. No. E1180 LIGHTING SCHEMATIC.

- 6.00 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.
- 7.00 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 C/W 3 HOUR EMERGENCY BATTERY

BACKUP SINGLE 5A SWITCHED SOCKET OUTLET FOR USE WITH TASK

LIGHTING 1-GANG, 1 WAY WALL MOUNTED LIGHT SWITCH

MOMENTARY / WARDROBE LIGHT SWITCHES

WALL MOUNTED LIGHT SWITCH C/W NEON INDICATOR 2-GANG, 1 WAY WALL MOUNTED LIGHT SWITCH

1-GANG, 2 WAY WALL MOUNTED LIGHT SWITCH

2-GANG, 2 WAY WALL MOUNTED LIGHT SWITCH INTERMEDIATE 1 WAY WALL MOUNTED LIGHT SWITCH

1-GANG, 1 WAY EXTERNAL WALL MOUNTED LIGHT SWITCH

1-GANG, 2 WAY EXTERNAL WALL MOUNTED LIGHT SWITCH

WALL MOUNTED SINGLE SCENE LIGHTING CONTROL SWITCH

WALL MOUNTED MULTI SCENE LIGHTING CONTROL SWITCH

CEILING MOUNTED 360° LIGHTING PASSIVE INFRA RED MULTI-SENSOR

REF 'E3' EMERGENCY EXIT LED SURFACE MOUNTED INTERIOR EMERGENCY LUMINAIRE. IP44, 3 HOUR EMERGENCY MODE LOCATION: EXIT DOORS & CIRCULATION

REF 'X6' LUMINAIRE SURFACE MOUNTED LINEAR LED LUMINAIRE 34W, IP67 RATED LOCATION: PLANTROOM





REF 'X3' LUMINAIRE

14 W, IP65 RATED.

REF 'X5' LUMINAIRE WALL RECESSED LED 6W, IP67 RATED

LOCATION: BRICK LIGHT



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



REF 'A2' LUMINAIRE REF 'B1/E' LUMINAIRE CEILING RECESSED IP65 LED DOWNLIGHT. WALL MOUNTED IP65 LED. 7.6 W, 500lm-3000lm, 2700K-4000K, CR180+. 80mm (W) x 81mm (D) 300mm (W) x 180mm (H) x 140mm (D) LOCATION: BATHROOMS & WC'S





SHIELDED WALL LUMINAIRE. 5.6W, 4701lm.

REF 'C1' LUMINAIRE

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

16W, IP65 RATED.

BATHROOM WALL MOUNTED

LOCATION: MIRROR LIGHT



REF 'P1' LUMINAIRE

FIXED LED PENDANT.





REF 'P2' LUMINAIRE

Ø400mm, 620mm (H)

FROM TRAIN WORKSHOP.



FIXED INDUSTRIAL LIGHTS SALVAGED





EXTERNAL WALL MOUNTED LED.



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

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



ENGINEERING DESIGN PARTNERSHIP DUBLIN . ATHLONE . BELFAST . LONDON





BELSIZE PARK FIRESTATION PLATINUM LAND

DRAWING TITLE **ELECTRICAL SERVICES INSTALLATION** GROUND FLOOR LEVEL LIGHTING SERVICES LAYOUT

SCALE SIZE PROJECT REF: DRAWING No.