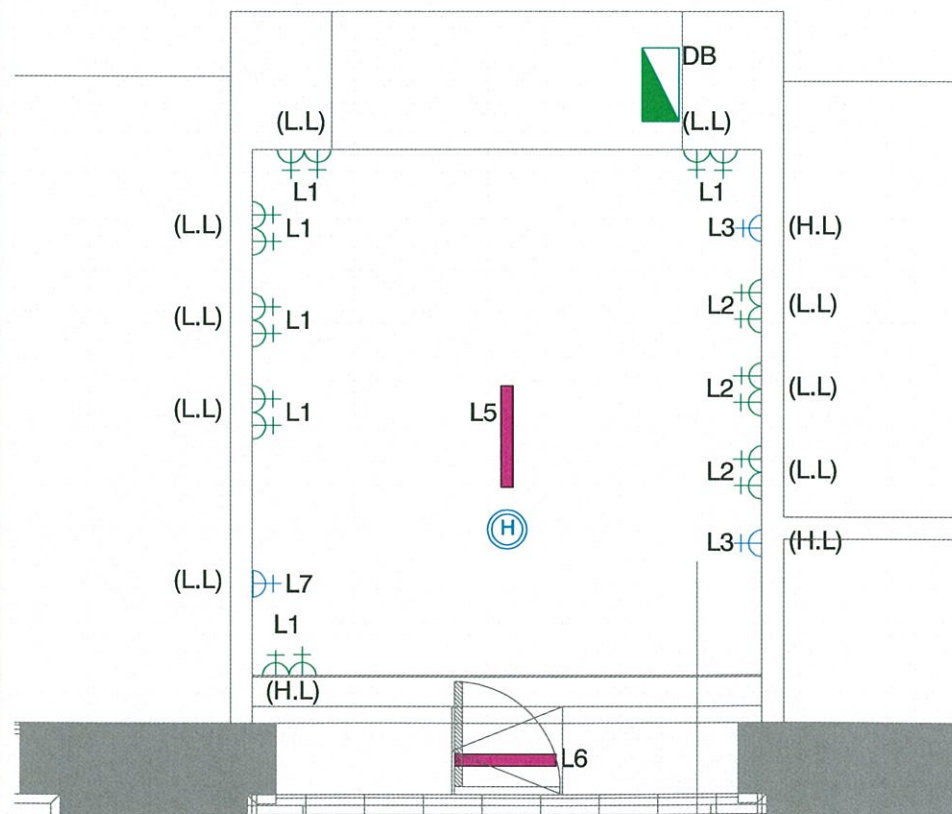


LEGEND

- Twin 13A Socket outlet
- Single 13A Socket outlet at High or Low Level (as noted)
- Fuse connection unit
- TV Ariel Point
- Distribution Board
- LED Lighting Spec TBA
- Smoke Detector
- Heat Detector
- (L.L.)** Indicating Electrical Provision to be located at Low Level. Generally 450mm AFFL
- (H.L.)** Indicating Electrical Provision to be located at High Level. Generally 1600mm AFFL unless otherwise stated.

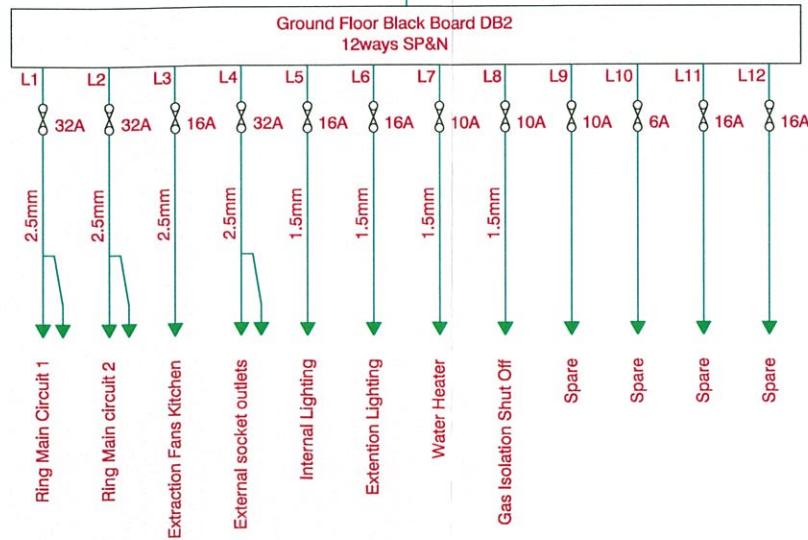
ELECTRICAL LAYOUT AS PROPOSED

Scale : 1 : 50



DETAIL A

Scale : 1 : 20



SINGLE LINE DIAGRAM

Not to scale

GENERAL NOTES

ALL WIRING SYSTEMS SHALL BE CONCEALED THROUGHOUT

WIRING SHALL BE FLAT PVC TWIN AND EARTH

ALL WIRING SHALL COMPLY WITH BS 7671 - 2008

THE DRAWINGS INDICATE LL = LOW LEVEL, THESE SHALL BE 500MM FROM FINISHED FLOOR LEVEL AND HL = HIGH LEVEL, THESE SHALL BE 1200MM FROM FINISHED FLOOR LEVEL.

EXACT LOCATION AND HEIGHT OF ALL ACCESSORIES SHALL BE CONFIRMED ON SITE PRIOR TO BACK BOXES BEING SECURED. THE MAINS POWER SUPPLY TO THE SPACE SHALL BE FROM THE EXISTING CABLE THAT WAS INSTALLED UNDER A PREVIOUS CONTRACT. THE ELECTRICAL CONTRACTOR SHALL ADAPT THAT CABLE.

THE EXISTING CONSUMER UNIT SHALL BE REMOVED AND REPLACED WITH A NEW 12 WAY MCB CRABTREE UNIT.

ALL CATERING EQUIPMENT AND LIGHTING SHALL BE CONNECTED TO THE MCB SECTIONS OF THE CONSUMER UNIT ALL AS INDICATED ON THE SINGLE LINE DIAGRAM

ALL EXTERNAL SMALL POWER SOCKET OUTLETS SHALL BE CONNECTED TO THE RCBO SECTION OF THE CONSUMER UNIT.

THE INTERNAL LIGHT SHALL BE OF THE PCL EARLSMANN ENGINEERING SOLUTIONS TURIN RANGE 295 X 595MM LED PANEL 2700 - 330K COLOUR CONTACT TELEPHONE 0035020063936 AND SWITCHED LOCALLY WITHIN THE INNER SPACE.

THE EXTENSION LIGHTING SHALL BE AN INTEGRAL PART OF THE EXTENSION BUILDING FRAME. THE ELECTRICAL CONTRACTOR SHALL ALLOW SUFFICIENT CABLE TO INTERFACE WITH THE SPECIALIST LIGHTING SYSTEM, AND THE SWITCHING OF THE EXTENSION SHALL BE FROM THE SAME LOCATION AS THE INNER SPACE.

THE TOILET BUILDING LIGHTS SHALL BE PCL EARLSMANN ENGINEERING SOLUTIONS SORRENTO DOWN LIGHT RANGE LED PANEL 2700 - 3300K COLOUR COMPLETE WITH EMERGENCY FACILITY, CONTACT TELEPHONE 0035020063936, THE FITTING SWITCHED LOCALLY WITHIN THE TOILET SPACE.

WITHIN THE EXTENSION THE ELECTRICAL CONTRACTOR SHALL INSTALL 2 X 13AMP IP 56 SOCKET OUTLETS INSTALLED HIGH LEVEL NEXT TO THE LOCATION INDICATED FOR THE TVS

BELOW THE TV SOCKET OUTLETS THE ELECTRICAL CONTRACTOR SHALL INSTALL 13AMP IP56 SOCKET OUTLETS FOR MAINTENANCE AND CLEANING.

THE ELECTRICAL CONTRACTOR SHALL INSTALL WITHIN THE CATERING AREA A HEAT DETECTOR; IT SHALL BE INTERFACED WITH THE MARKET HALL FIRE ALARM AND DETECTION SYSTEM THE WIRING SHALL BE PP200 RED IN COLOUR AND INSTALLED IN THE SAME MANNER AS THE EXISTING SYSTEMS.

THE ELECTRICAL CONTRACTOR SHALL ALLOW TO RE COMMISSION THE EXISTING GENTS FIRE ALARM PANEL ONCE THE NEW DETECTOR HEAD HAS BEEN INSTALLED.

FROM THE EXISTING SATELLITE RECEIVER DISH THE ELECTRICAL CONTRACTOR SHALL INSTALL TO EACH TV POINT A COAXIAL CABLE THAT SHALL BE TERMINATED INTO BACK BOX AND OUTLET PLATE. THE CABLES SHALL BE CONCEALED WITHIN THE FABRIC OF THE BUILDING THROUGHOUT.

THE LIGHTING INSTALLATION WITHIN THE EXTERNAL EXTENSION BUILDING

THE POWER SUPPLY TO THE ABOVE AREAS SHALL BE DERIVED FROM THE SUPPLY CABLES LEFT VACANT AND LOCAL TO THE AREAS BY THE ELECTRICAL CONTRACTOR.

THE EXISTING GROUND LEVEL UPLIGHTER AT THE CORNER OF THE NEW EXTENSION IS TO BE REMOVED AND HANDED FREE ISSUE TO THE CLIENTS REPRESENTATIVE. THIS LIGHT FITTING IS THE FIRST POINT ON CIRCUIT 1 OF THE EXTERNAL LIGHTING FEED. THE CONTRACTOR SHALL REMOVE THE FIRST LEG OF THE CABLE FROM THE DISTRIBUTION BOARD AND INSTALL A NEW LENGTH OF CABLE FROM THE DISTRIBUTION BOARD TO THE SECOND LIGHTING POINT ON CIRCUIT 1.

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH WASTAGE SURVEY 7092 DATED 09.03/2012

GENERAL NOTES

ANY DISCREPANCIES / CLASHES WITH EXISTING SERVICES SHOULD BE REPORTED IMMEDIATELY TO THE ENGINEER

DATE	DETAIL OF CHANGES	REV	CAD
29.05.12	Drawing updated with note amended to high level power within canopy - see comments	D	AM
28.05.12	Drawing amended with revised specifications and permitting of WC's and associated services	C	AM
08.05.12	Drawing amended with inclusion of alternative Ventilation and Architects updated background	B	AM
03.05.12	Preliminary Issue	A	AM

General Note:

- Contractor is not to scale off this drawing. Scale is indicative only, actual site measurements are to be taken to check and confirm dimensions as drawn.
- Any discrepancies or queries regarding this drawing are to be forwarded to the engineer/engineers whose name appears in the "drawn by" and "checked by" box



STATUS: PRELIMINARY
Based on Architects Background
14.03.12
DRAWN BY: A. Maw
CHECKED BY: F. Torvella

PROJECT: Public Market Fritters Enclosure

CLIENT: Technical Services

TITLE: Proposed Electrical Layout & Single Line Diagram

SIZE	PROJECT NO.	DWG NO.	REV
A1	E12-030	SK4000	D

SCALE: 1:50 DATE: 13.04.12