Legend:

POWER

- DNO CUT OUT
- SHIPPERS METER
- CONSUMER UNIT
- TELEVISION POINT
- DOUBLE SWITCHED SOCKET C = CLEANER
- FUSED CONNECTION UNIT

EF	EXTRACT FAN
B	BOILER
O	OVEN
H	HOB
WH	HOT WATER HEATER
FF	FRIDGE/FREEZER
DE	DOOR ENTRY
SH	SHOWER
WM	WASHING MACHINE
PH	PANEL HEATERS

DOOR ACCESS

- DB DOOR BELL PUSH BUTTON
- DBS DOOR BELL SOUNDER

Notes:

BASE ARCHITECT DRAWING – A1225(02)AP003
DATE RECEIVED – 24-07-23

GENERAL

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER PROJECT DOCUMENTATION.
2. SERVICES DETAILED ON THIS LAYOUT DRAWING HAVE BEEN ZONALLY CO-ORDINATED ONLY; IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO UNDERTAKE THE FINAL DETAILED AND FULL CO-ORDINATION OF ALL SERVICES AND BUILDING ELEMENTS.
3. THE ELECTRICAL SERVICES INSTALLATION SHALL FULLY COMPLY WITH; AND BE CARRIED OUT IN ACCORDANCE WITH THE PROJECT DOCUMENTATION; BUILDING REGULATIONS (ALL PARTS AS APPLICABLE) THE LATEST IEE WIRING REGULATIONS (BS7671), GUIDANCE NOTES, CBSE GUIDES, ALL REQUIREMENTS OF BUILDING CONTROL, ALL REQUIREMENTS OF THE FIRE OFFICER, THE CLIENT SPECIFICATION/REQUIREMENTS/EXPECTATIONS AND ALL BS/BSEN STANDARDS APPLICABLE TO EACH SERVICE.
4. A PROGRAMME OF WORKS DETAILING DATES FOR SUBMISSION OF WORKING DRAWINGS AND OTHER DOCUMENTATION SHALL BE PREPARED AT THE START OF THE CONTRACT BY THE CONTRACTOR. ALL PARTIES SHALL AGREE WITH THIS PROGRAMME OF DOCUMENT SUBMITTAL.
5. SUBMISSION OF ALL DETAILED WORKING DOCUMENTATION SHALL BE ISSUED IN A TIMELY MANNER IN ORDER TO ALLOW THE CLIENTS PROFESSIONAL TEAM SUFFICIENT TIME TO REVIEW ITS CONTENTS PRIOR TO COMMENCING INSTALLATION WORKS OR PROCURING MATERIALS. THE CLIENT AND HIS PROFESSIONAL TEAM SHALL ONLY PASS COMMENT ON THE DOCUMENTATION AND NOT APPROVE THESE ITEMS.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DETAILED DESIGN OF ALL SPECIALIST SERVICES BASED UPON THE DESIGN INTENT INDICATED ON THE LAYOUT DRAWINGS AND PROJECT DOCUMENTATION.
7. ALL MOUNTING HEIGHTS FOR OUTLETS/ACCESSORIES SHALL COMPLY WITH PART M BUILDING REGULATIONS.
8. ALL OUTLETS SHALL BE SITED AND SELECTED SUCH THAT FINISHES CONTRAST BETWEEN SURFACES IS FULLY COMPLIANT WITH THE REQUIREMENTS OF PART M BUILDING REGS.

SERVICE SPECIFIC

1. THE CONTRACTOR SHALL NOTE THAT OUTLETS ARE LOCATED INDICATIVELY; THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FINAL SETTING OUT OF THE WORKS TO MATCH THE ROOM LAYOUT BOOKS AND ARCHITECTURAL DETAILS DRAWINGS.
2. SOCKET OUTLETS SHALL BE TWIN SWITCHED TYPE WITH NEON INDICATORS WIRED ON DEDICATED RING CIRCUITS WITH 30mA RCD PROTECTION WITHIN THE DISTRIBUTION BOARD.
3. POWER SUPPLIES FOR FIRE ALARM PANELS SHALL CONSIST OF UNSWITCHED FUSED CONNECTION UNITS.
4. THE CONTRACTOR SHALL INCLUDE FOR THE PROVISION OF ALL REQUIRED POWER SUPPLIES TO MECHANICAL AND PUBLIC HEALTH EQUIPMENT AS NOTED WITHIN THE PROJECT DOCUMENTATION. THE CONTRACTOR SHALL LIAISE WITH THE SPECIALIST SERVICES CONTRACTORS TO CONFIRM THE REQUIRED PROVISION & LOCATION OF POWER SUPPLIES.
5. CORRECTLY, RATED FUSES SIZED TO MATCH THE CONNECTED LOAD SHALL BE INSTALLED WITHIN FUSED CONNECTIONS UNITS. IT SHALL NOT BE ACCEPTABLE TO LEAVE THE 13A FUSE WITHIN THE FUSED CONNECTION UNIT AS A GENERIC SOLUTION.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DETAILED DESIGN AND PROVISION OF ALL NECESSARY 400/230-VOLT POWER SUPPLIES TO ALL ITEMS OF EQUIPMENT, WHICH FALL UNDER HIS CONTRACTOR DETAILED DESIGN, SO THAT A FULLY FUNCTIONAL AND SAFE INSTALLATION IS PUT INTO OPERATION.
7. THE CONTRACTOR SHALL NOTE THAT ALL TELEPHONE AND DATA WORKS SHALL FOR THE PURPOSES OF THE CONTRACT DOCUMENTS BE TERMED INFORMATION TECHNOLOGY (IT) SYSTEMS AND, AS SUCH ALL NOTATIONS FOR EITHER TELEPHONE OR DATA ROLES SHALL BE CARRIED ACROSS BOTH SERVICES.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DETAILED DESIGN, INSTALLATION, SETTING TO WORK AND COMMISSIONING OF THE INFORMATION TECHNOLOGY (IT) SOLUTIONS INSTALLED THROUGHOUT THE SITE DEMISE IN ORDER TO MEET THE PERFORMANCE REQUIREMENTS DEFINED WITHIN THE PROJECT DOCUMENTATION.
9. THE CONTRACTOR SHALL PROVIDE ALL FIXINGS, SUPPORTS BRACKETS AND ANY NECESSARY ANCILLARY ITEMS IN ORDER TO INSTALL A FULLY FUNCTIONAL AND SAFE INSTALLATION.
10. ALL IT FIELD WIRING SHALL BE CAT 6A UTP C/W LSF OVERSHEATH.
11. IT OUTLETS SHALL BE RJ45 TYPE & SUITABLE FOR TERMINATING CAT6A CABLING DIRECT.
12. TYPICALLY, THE CABLE AND WIRING MANAGEMENT SYSTEMS SHALL BE RECESSED MOUNTED WITHIN THE BUILDING FABRIC AND VOIDS THROUGHOUT UTILISING RECESSED MOUNTED ACCESSORIES. THE EXCEPTION TO THIS BEING PLANT AREAS THAT SHALL UTILISE SURFACE MOUNTED ACCESSORIES AS INDICATED.
13. THE CONTRACTOR SHALL LIAISE WITH THE KITCHEN SPECIALIST AND PROVIDE SUITABLY RATED AND LOCATED POWER SUPPLIES AS REQUIRED TO SUIT THE FINALISED LAYOUT.

SMALL POWER

1. THE ELECTRICAL SUB-CONTRACTOR SHALL PREPARE THEIR OWN CONSTRUCTION / WORKING DRAWINGS BASED UPON THIS & OTHER ARCHITECTURAL & STRUCTURAL ENGINEER DRAWINGS (AVAILABLE FROM OTHERS).
2. ALL PLANT & EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS.
3. ALL INSTALLATIONS SHALL COMPLY WITH THE REQUIREMENTS OF THE CURRENT EDITION OF BS7671 (17TH EDITION IEE WIRING REGULATIONS).
4. MOUNTING HEIGHTS FOR SWITCHES & SOCKETS SHALL COMPLY WITH REQUIREMENTS OF BUILDING REGULATIONS APPROVED DOCUMENT PART M.

SECURITY

1. THE ELECTRICAL SUB-CONTRACTOR SHALL PREPARE THEIR OWN CONSTRUCTION / WORKING DRAWINGS BASED UPON THIS & OTHER ARCHITECTURAL & STRUCTURAL ENGINEERING DRAWINGS (AVAILABLE FROM OTHERS).
2. ALL PLANT & EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS. ALL INSTALLATIONS SHALL COMPLY WITH THE REQUIREMENTS OF THE CURRENT EDITION OF BS7671 (17TH EDITION IEE WIRING REGULATIONS).
3. INTRUDER DETECTION SYSTEMS SHALL COMPLY WITH THE REQUIREMENTS OF THE CURRENT EDITION OF BS4373. THE INSTALLATION SHALL BE INSTALLED BY A NACOSS APPROVED INSTALLER.

REV	DESCRIPTION	DWN	CHK'D	DATE
P2	REVISED BATHROOM LAYOUT	DB	PH	18.09.23
P1	PRELIMINARY ISSUE	DB	PH	30.08.23

STATUS
PRELIMINARY ISSUE

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DWN	DATE	CHK'D	DATE	APP	DATE	SCALE@A1
						1:50

CLIENT

PROJECT
FENTON HOUSE

TITLE
PROPOSED SMALL POWER /DATA/TELECOMS
LEVEL 2

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DRAWING No. 22541(62)002
REV P2