






















SMALL POWER AND DATA LEGEND

-  SINGLE UNSWITCHED 13A SOCKET OUTLET
-  SINGLE SWITCHED 13A SOCKET OUTLET
-  SINGLE SWITCHED 13A CLEANERS SOCKET OUTLET w/KEY LOCK
-  TWIN SWITCHED 13A SOCKET OUTLET
-  UNSWITCHED 13A FUSED CONNECTION UNIT
-  SWITCHED 13A FUSED CONNECTION UNIT
-  SPN ISOLATOR - RATING AS NOTED
-  TPN ISOLATOR - RATING AS NOTED
-  SINGLE RJ45 DATA POINT
-  TWIN RJ45 DATA POINT
-  FLEX OUTLET PLATE
-  IN-GROUND POP UP POWER PUR302 5550 - # DENOTES QUANTITY OF OUTLETS
-  63A DP SHOWER FULL CORD w/NEON
-  INCOMING BT DISTRIBUTION
-  DNO CUT-OUT AND METER
-  SPAN DISTRIBUTION BOARD
-  TPN DISTRIBUTION BOARD
-  SPN COMMANDO SOCKET
-  MK CP SINGLE PAN BOX 4 COMPARTMENT FLOOR BOX HOUSING 4 TWIN SWITCHED 13A SOCKET OUTLETS WITH SURFACE MATCHED LID
-  MK CP SINGLE PAN BOX 5 COMPARTMENT FLOOR BOX HOUSING 5 TWIN SWITCHED 13A SOCKET OUTLETS WITH SURFACE MATCHED LID
-  PA RACK
-  DATA CABINET

SAFETY, HEALTH & ENVIRONMENTAL INFORMATION

Refer to the project specific risk assessment and design criteria for the MSE services installation. The installing contractor must prepare method statements for the installation works and agree all works in advance with the main contractor.

GENERAL NOTES

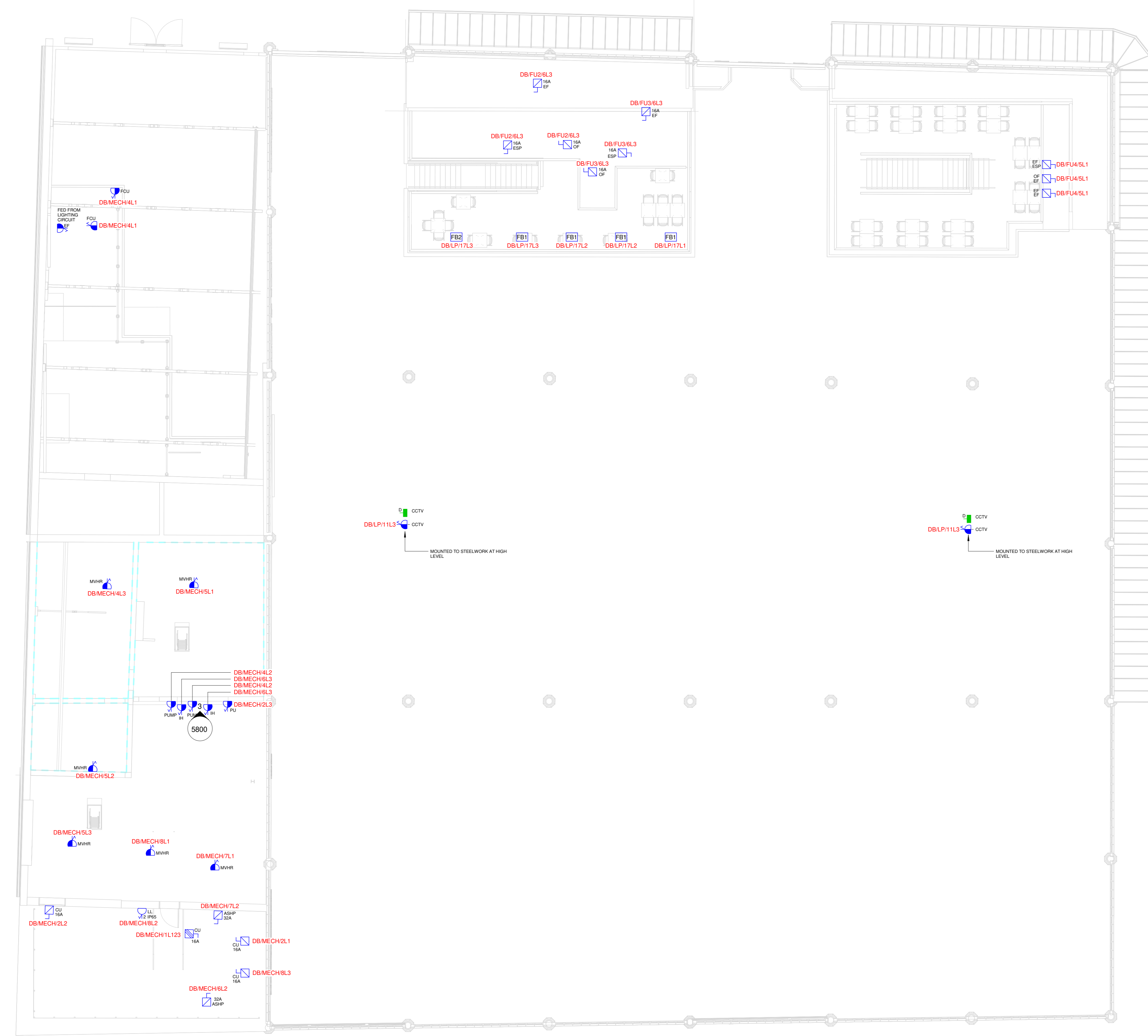
1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL ASSOCIATED SERVICES DRAWINGS, ARCHITECTS AND STRUCTURAL DRAWINGS TOGETHER WITH THE SCHEMATIC DRAWINGS AND ALL MECHANICAL & ELECTRICAL SPECIFICATIONS
2. ALL SERVICES INSTALLATIONS SHALL BE CO-ORDINATED AND FULLY INTEGRATED WITH THE MECHANICAL & ELECTRICAL SERVICES, ARCHITECTURAL FEATURES, REFRIGERATION PLANT, STRUCTURAL ELEMENTS etc.
3. THE SERVICES CONTRACTORS SHALL FAMILIARISE THEMSELVES WITH THE MECHANICAL & ELECTRICAL SERVICES, ARCHITECTURAL FEATURES, REFRIGERATION PLANT, STRUCTURAL ELEMENTS etc.
4. THE INSTALLING SUB-CONTRACTOR SHALL ISSUE FULL "WORKING DRAWINGS" IN LINE WITH THE SPECIFICATION PROVIDED. THE "WORKING DRAWINGS" SHALL BE ISSUED TO ALL DESIGN TEAM MEMBERS FOR THEIR COMMENT PRIOR TO INSTALLATION. THE INSTALLATION AND CO-ORDINATION OF SERVICES WITH OTHER SERVICES, THIRD PARTY SUPPLIERS AND THE BUILDING FABRIC IS THE RESPONSIBILITY OF THE INSTALLING SUB-CONTRACTOR.
5. THE ELECTRICAL INSTALLATION SHALL BE INSTALLED IN ACCORDANCE WITH THE BS 7671 WIRING REGULATIONS BS 7671 18TH EDITION + A2.

SMALL POWER AND DATA NOTES

1. ALL SOCKET OUTLETS TO COMPLY WITH REGULATION 547.2 OF BS 7671 18TH EDITION (SEE NOTES) - 1x DOUBLE EARTH TERMINAL SOCKETS ARE UTILISED.
2. FUSED SPURS FOR FIRE ALARM SYSTEM ARE MK K9630 AUNT TO COMPLY WITH BS 5853 1: 2013.
3. DISTRIBUTION BOARDS AND PROTECTIVE DEVICES ARE BASED ON SCHNEIDER
4. ALL SMALL POWER/ DATA SYSTEM CONFIGURATIONS ARE TO BE IN COMPLIANCE WITH THE ELECTROMAGNETIC COMPATIBILITY REGULATIONS 2006.
5. ALL ACCESSORIES ARE TO BE LABELLED TO INDICATE THEIR CIRCUIT REFERENCE.
6. FINAL LOCATIONS OF ACCESSORIES ARE TO BE APPROVED BY THE PROJECT ARCHITECT AND CATERING SPECIALIST FOR FINAL SETTING OUT.
7. ALL ACCESSORIES, EXCEPT WHERE LOCATED EXTERNALLY, WITHIN PLANT SPACES OR EXPOSED BRICK AREAS SUCH AS THE MARKET HALL SHALL BE WHITE PVC PLASTIC. IF WHITE PLASTIC IS NOT SUITABLE DUE TO THE FINISHES COLOUR THE CONTRACTOR IS TO ENSURE A DIFFERENCE OF 30 POINTS IS ACHIEVED BETWEEN SURFACES. PLANT SPACE LOCATED ACCESSORIES SHALL BE SURFACE MOUNTED & IMPACT RESISTANT. EXTERNALLY LOCATED ACCESSORIES SHALL BE WEATHERPROOF & IMPACT RESISTANT. ACCESSORIES WITHIN CEILING VOIDS, RISERS AND PLANT SPACES SHALL BE METAL CLAD TYPE.
8. WHERE ACCESSORIES ARE SURFACE MOUNTED THEY SHALL BE SERVED VIA SURFACE MOUNTED GALVANISED STEEL CONDUITS ON SURFACET TRUNKING SYSTEMS.
9. ALL CABLES TO BE "BASEC APPROVED".
10. WIFI ACCESS POINT LOCATIONS ARE SUBJECT TO A DETAILED WIFI SURVEY TO DETERMINE COVERAGE.
11. THE CONTRACTOR SHALL VERIFY ALL LEVELS AND DIMENSIONS ON SITE.
12. THE SMALL POWER INSTALLATION SHALL TAKE THE FORM OF SINGLE CORE LOW SMOKE ZERO HALOGEN SINGLES CABLE (LSP) 90% CU CABLES IN HIGH LEVEL SURFACE/SUSPENDED STEEL TRUNKING SYSTEMS.
13. ALL DISTRIBUTION BOARDS ARE TO HAVE A COMPLETE CIRCUIT CHART, TYPED AND INSTALLED PERMANENTLY WITHIN THE DB HOUSING.
14. ANCILLARY SYSTEMS POWER SUPPLIES TO BE FURTHER DEVELOPED UPON RECEIPT OF SPECIFIC CDP INFORMATION IN THE NEXT DESIGN STAGE.
15. THE CONTRACTOR SHALL MAKE ALLOWANCES FOR SECONDARY CONTAINMENT TO FINAL ACCESSORIES AND EQUIPMENT. CONSIDERATION SHALL BE GIVEN TO HERITAGE AREAS WITHIN THE MARKET HALL WHERE STANDARD PRACTICES FOR SECONDARY CONDUITS AND FIXINGS ARE NOT PRACTICAL.
16. THE CONTRACTOR SHALL UTILISE SECONDARY CONTAINMENT IN THE FORM OF MILLION BOXES ON PROPOSED CURTAIN WALLING (IRONMONGERY) WHERE PRACTICAL. TO CONICAL WIRING TO FINAL CONNECTION POINTS. FINAL CONNECTION POINTS SHALL BE APPROVED BY GREIG & STEPHENSON ARCHITECTS.
17. THE CONTRACTOR SHALL NOT DRILL DIRECTLY INTO HERITAGE IRON COLUMNS FOR FIXING OF SECONDARY CONTAINMENT. ALTERNATIVE FIXING METHODS E.G. CLAMPS SHALL BE PROPOSED FOR APPROVAL PRIOR TO PROCUREMENT INSTALLATION.

ABBREVIATIONS

- ACC ACCESS CONTROL
- ACU ACCESSIBLE W/ ALARM SYSTEM
- ADU AIR CONDITIONING UNIT
- AD AUTOMATIC DOOR
- AHU AIR HANDLING UNIT
- AS ADJUSTABLE SHIM
- ASP ADJUSTABLE TABLE
- ATT ADJUSTABLE TOILET
- ADD ASPIRATING DETECTION PANEL
- EPH AIR SOURCE HEAT PUMP
- ASHP BOOSTER SET
- CFD COUNTER DISPLAY FRIDGE
- BS CLEANERS SOCKET
- C COFFEE MACHINE
- CM CONDENSER UNIT
- CV MOUNTED IN CEILING VOID
- DCU DIGITAL ADDRESSABLE LIGHTING INTERFACE
- DC DALI CONTROLLER
- MSD MOUNTED AT DESKTOP LEVEL - 750mm
- EF EXTRACT FAN
- EWV ELECTRIC WATER HEATER
- EPN SINGLE SOCKET DEDICATED TO EPOS SUPPLIES
- ES ELECTRIC SHOWER
- ESP ELECTROSTATIC PRECIPITATOR
- FAP FIRE ALARM PANEL
- FAMP FIRE ALARM REPEATER PANEL
- FCU FAN COIL UNIT
- FAP FIRE ALARM REPEATER PANEL
- FU FUTURE USE
- FS FIRE SUPPRESSION
- HD HAND DRIVER
- HL MOUNTED AT HIGH LEVEL - 2100mm
- HS HOST SUPPLY
- IF INTRUSION ALARM PANEL
- IF INTAKE FAN
- IH IMMERSION HEATER
- IL INDUCTION LOOP
- IS INSECTICIDE
- IS ILLUMINATED SIGNAGE
- INT INTERCOM
- KI KEY SWITCHED
- KS KITCHEN SCREEN
- LL METAL LEAD
- LL MOUNTED AT LOW LEVEL - 450mm
- MC METAL CLAD
- MN MONITOR
- MNR MECHANICALLY VENTED HEAT RECOVERY
- NFR NETWORKED RECORDER
- OF CODE FILTER
- PA PUBLIC ADDRESS SYSTEM
- PTZ PAN TILT ZOOM CCTV CAMERA
- RS ROLLER SHUTTER
- SB SIGNAGE BRAND
- SS SENSORY TAP
- ST SIGNAGE TARIFF
- VI VIDEO INTERCOM
- WAP WIRELESS ACCESS POINT
- WL MOUNTED AT WORKTOP LEVEL - 1100mm
- WM WORKTOP MOUNTED
- ZPP ZPP



1 Small Power and Data Layout
1 : 100

P08	COMMENTS INCORPORATED	SS	01.05.26
P07	LATEST MODEL COORDINATION	SP	03.02.26
P06	COMMENTS INCORPORATED	SS	23.01.26
P05	COMMENTS INCORPORATED	SS	12.01.26
P04	COMMENTS INCORPORATED	SS	12.12.25
P03	COMMENTS INCORPORATED	SS	14.11.25
P02	STAGE 4 PRELIMINARY ISSUE	SS	31.10.25
P01	STAGE 3 VE ISSUE	SP	07.07.25
REV	DESCRIPTION	BY	DATE

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CLIENT

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PROJECT **HUDDERSFIELD MARKETS**

DRAWING TITLE **ELECTRICAL SERVICES SMALL POWER & DATA LAYOUT LEVEL 01 MAIN MARKET**

CHECKED	DATE	DRAWN	SCALE
SS	07/07/25	PR	1 : 100@A0

PRELIMINARY

DRAWING NUMBER: **HMM-KAI-MH-01-D-E-6201** STATUS: **REV S4 P08**