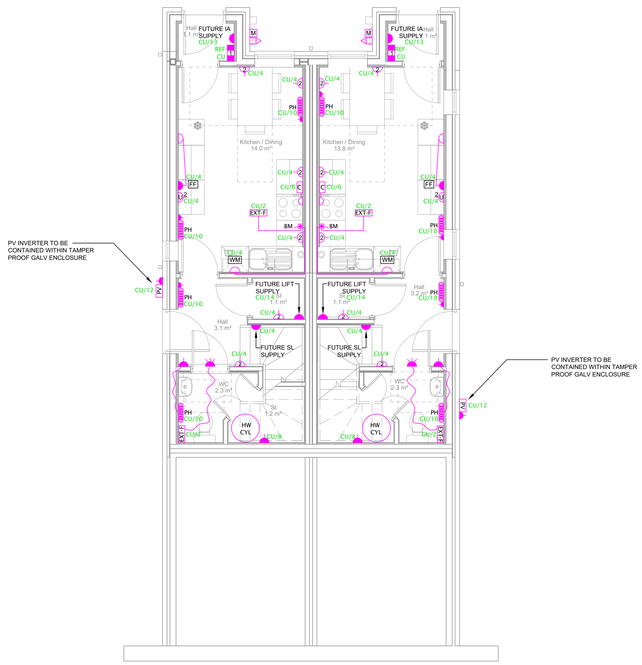
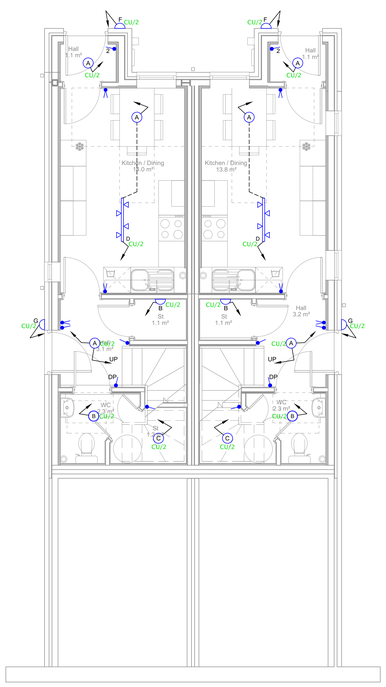


BLOCK 3 - GROUND FLOOR
SMALL POWER & DATA LAYOUT



BLOCK 3 - GROUND FLOOR
GENERAL LIGHTING LAYOUT

BLOCK 3 - GROUND FLOOR
FIRE DETECTION AND ALARM LAYOUT

LUMINAIRE SCHEDULE

A	CEILING PENDANT C/W LED LUMINAIRE
B	IP65 SURFACE MOUNTED BULKHEAD 12W
B	IP65 WALL MOUNTED BULKHEAD 12W
C	BATTEN HOLDER C/W LED LUMINAIRE
D	SPOTLIGHT BAR C/W 4NO. LED SPOTS
F	WALL MOUNTED LED LUMINAIRE PHOTOCELL C/W UP AND DOWNLIGHT 2 x 7W
G	WALL MOUNTED LED LUMINAIRE 18W
H	IP65 LINEAR LIGHT FITTING

SCHEDULE OF SYMBOLS

	ONE-WAY LIGHTING SWITCH
2	2 GANG LIGHTING SWITCH
	TWO-WAY LIGHTING SWITCH
	INTERMEDIATE LIGHTING SWITCH
	SINGLE UNSWITCHED SOCKET
2	DOUBLE SWITCHED SOCKET
2 USB	DOUBLE SWITCHED SOCKET C/W 2no. USB PORTS
	SINGLE DATA POINT
	FUSED UNSWITCHED SPUR
	FUSED SWITCHED SPUR
1	SINGLE PHASE + NEUTRAL ISOLATOR
	SHAVER SOCKET
TR	ELECTRIC TOWEL RAIL C/W POWER SUPPLY
	SWITCHED SPUR LINKING TO UNSWITCHED SOCKET LOW LEVEL
C	DOUBLE POLE COOKER ISOLATOR TO LOW LEVEL CONNECTOR PLATE
M	ELECTRICITY METER
	CUT-OUT
MVHR	POWER SUPPLY FOR MECHANICAL HEAT RECOVERY VENT UNIT
TV	TELEVISION POINT
1	SINGLE PHASE DISTRIBUTION BOARD
BT	BT ONT POINT
BT	SECONDARY BT POINT
EVC	SINGLE ELECTRIC CAR CHARGING POINT
	TRIPLE POLE FAN ISOLATOR
BM	BANKED MASTER GRID SWITCH FOR APPLIANCES/FAN BOOST SWITCH
OH	OVERHEATING BOOST SWITCH FOR MECHANICAL VENTILATION
EXT-F	POWER SUPPLY FOR MECHANICAL EXTRACT FAN
PH FEED	ELECTRIC PANEL HEATER C/W POWER SUPPLY
TV	TELEVISION AMPLIFIER
C	CONTROLLER
PV	PHOTOVOLTAIC INVERTER
HWHP	POWER SUPPLY FOR MECHANICAL HOT WATER HEAT PUMP
HW CYL	POWER SUPPLY FOR MECHANICAL HOT WATER CYLINDER
SD M	SMOKE DETECTOR SOUNDER - WIRED VIA MAINS SYSTEM
HD M	HEAT DETECTOR SOUNDER - WIRED VIA MAINS SYSTEM

ABBREVIATIONS:

IA = INTRUDER ALARM
FF = FRIDGE/FREEZER
WM = WASHING MACHINE
IG = COOKER IGNITER
SL = STAIR LIFT

GENERAL NOTES

1. DO NOT SCALE FROM THIS DRAWING.
2. ALL DIMENSIONS ARE MILLIMETRES U.N.O.
3. ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM U.N.O.
4. ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH :
   - THE KGA M&E TECHNICAL SPECIFICATION, SCHEDULES, ARCHITECTURAL AND STRUCTURAL INFORMATION.
   - CONSTRUCTION DESIGN AND MANAGEMENT (CDM) RISK ASSESSMENT.
   - THE FIRE ENGINEER'S SPECIFICATION / REPORT AND ASSOCIATED FIRE COMPARTMENTATION DRAWINGS.
   - THE ACOUSTIC CONSULTANT'S REPORT AND ASSOCIATED DRAWINGS.
   - THE EXTERNAL LANDSCAPING SPECIFICATION AND ASSOCIATED DRAWINGS.
   - THE SITE UTILITY INFORMATION FOR WATER, DRAINAGE, ELECTRICITY AND CABLE / TELECOMS.
   - ALL SITE SPECIFIC PLANNING CONDITIONS AS REQUIRED BY THE RELEVANT LOCAL AUTHORITY DEPARTMENT.
   - THE HEALTH AND SAFETY PLAN
   - THE ARCHITECT'S NBS SPECIFICATIONS (INCLUDING SANITARY WARE), DRAWINGS & ROOM DATA SHEETS.
   - APPOINTED SPECIALIST SPECIFICATIONS AND ASSOCIATED DRAWINGS.
4. THE M&E CONTRACTOR SHALL ENSURE THAT ALL M&E SERVICES ARE FULLY CO-ORDINATED WITH EACH OTHER AND THE BUILDING FABRIC.
5. THE CONTRACTOR SHALL WORK TO THE LATEST ARCHITECTS DRAWINGS AT ALL TIMES. WHERE ANOMALIES MAY EXIST, THE CONTRACTOR SHALL IDENTIFY THESE - FOR CLARIFICATION BY THE ENGINEER.
6. THE CONTRACTOR WILL ALLOW FOR CHECKING AND SETTING OUT AGAINST FULLY DETAILED ARCHITECTURAL, STRUCTURAL AND SPECIALIST SERVICE DRAWINGS.
7. THE M&E ENGINEER SHALL BE NOTIFIED IN THE EVENT OF ANY DISCREPANCIES BETWEEN THE DESIGN DRAWING, THE M&E SPECIFICATION AND ANY OTHER ITEM OF DESIGN TEAM INFORMATION.

SMALL POWER AND DATA NOTES

1. THE CONTRACTOR WILL FULLY COMPLY WITH ALL RELEVANT BRITISH STANDARDS, REGULATIONS, STANDARD CODES OF PRACTICE, METHODS OF WORKING, AND GOOD PRACTICE.
2. FINAL LOCATIONS OF ALL SOCKET AND DATA OUTLETS SHALL BE CONFIRMED AND VERIFIED BY THE CLIENT PRIOR TO FIRST FIX.
3. ALL SMALL POWER AND DATA ACCESSORIES INSTALLED WITHIN FIRE RATED WALLS SHALL BE PROVIDED WITH FIRE PUTTY PADS.
4. THE ELECTRICAL CONTRACTOR SHALL INSTALL A COOKER CONNECTION SWITCH 300mm AWAY FROM THE EDGE OF THE COOKER.
5. ALL SOCKETS AND OTHER SMALL POWER ACCESSORIES SHALL BE INSTALLED AT A MINIMUM DISTANCE OF 300mm AWAY FROM THE COOKER AND SINK.
6. ALL POWER WITHIN THE KITCHEN SHALL BE ENGRAVED WITH THE ASSOCIATED APPLIANCE BEING SUPPLIED.
7. ALL APARTMENTS ARE TO BE PROVIDED WITH CABLING FOR SKY PLUS, SKY Q AND VIRGIN MEDIA CAPABILITY. THE ELECTRICAL CONTRACTOR IS TO LIAISE WITH THE ASSOCIATED PROVIDERS ON SITE.
8. CONSUMER UNITS ARE TO BE RECESSED INTO THE WALL AT HIGH LEVEL.

FIRE ALARM NOTES

1. THE PURPOSE OF THIS DRAWING IS TO COMMUNICATE THE DESIGN INTENT OF THE SYSTEM(S) INDICATED HEREIN. THE CONTRACTOR WILL BE RESPONSIBLE FOR PRODUCING A DESIGN WHICH COMPLIES WITH ALL ASPECTS OF THE PERFORMANCE SPECIFICATION AND DRAWINGS. ALL COORDINATION AND DETAILED DESIGN WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
2. THE CONTRACTOR WILL FULLY COMPLY WITH ALL RELEVANT BRITISH STANDARDS, REGULATIONS, STANDARD CODES OF PRACTICE, GOOD WORKING PRACTICES AND METHODS OF WORKING.
3. THE RESIDENTIAL APARTMENTS SHALL BE PROVIDED WITH A GRADE LD2 SYSTEM INSTALLED TO BS5839.
4. ALL SMOKE/HEAT DETECTORS SHALL BE AT LEAST 300mm HORIZONTALLY FROM ANY WALL OR LIGHT FITTING.

LIGHTING NOTES

1. THE CONTRACTOR WILL FULLY COMPLY WITH ALL BRITISH STANDARDS, RELEVANT REGULATIONS, STANDARD CODES OF PRACTICE, METHODS OF WORKING, AND GOOD PRACTICE.
2. ALL RECESSED LUMINAIRES TO BE FULLY FIRE RATED OR PROVIDED WITH SUITABLY RATED FIRE HOODS.
3. NO LUMINAIRES ARE TO BE ORDERED WITHOUT PRIOR APPROVAL FROM THE CLIENT.

STAGE 4 - CONSTRUCTION ISSUE

Rev	Date	Description
C03	19.01.26	Panel heater in kitchen moved from doors
C02	18.12.25	Kitchen layouts amended to suit specialist design
C01	13.10.25	Construction Issue

Project -
Longhurst Road,
Higher Blackley, Manchester

Title -
Block 3 Ground Floor
Electrical Services Layout

Scale - 1:50 @ A0
Design by - JW
Date - 13.10.25
Cad by - JEC

Drawing No. - 6386-KGA-03-00-DR-E-0103
Revision - C03

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