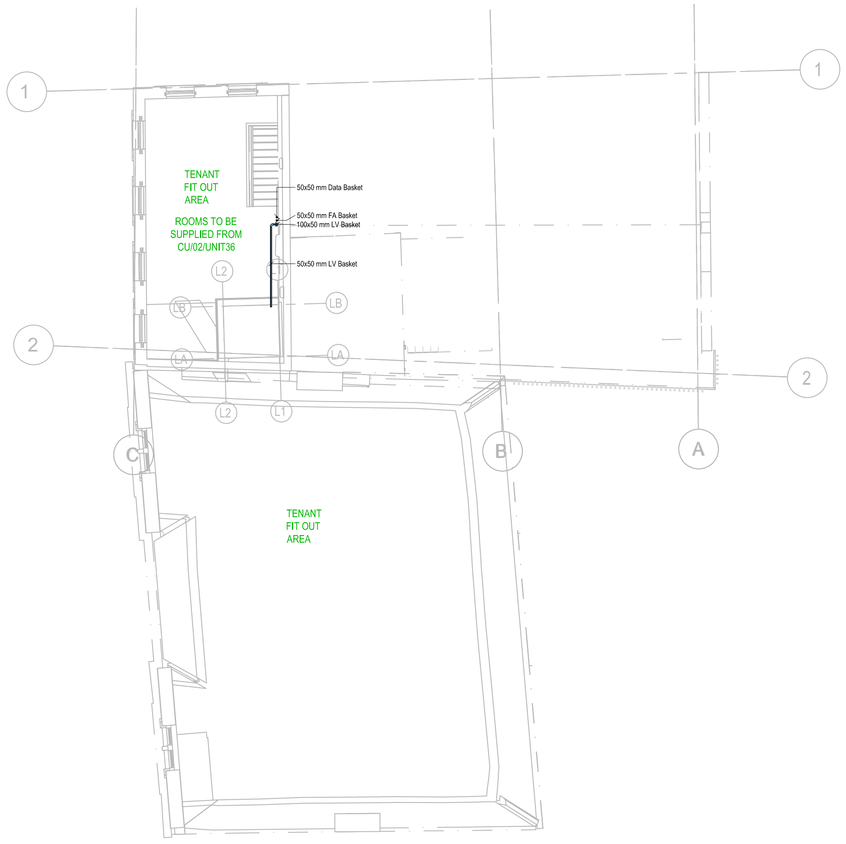
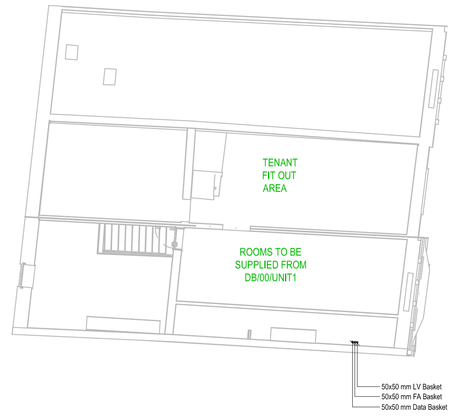
THIS DRAWING IS COPYRIGHT AND MAY NOT BE ALTERED , REPRODUCED OR USED OTHER THAN FOR THE CONTRACT WORKS FOR WHICH IT IS ISSUED WITHOUT THE WRITTEN PERMISSION OF M&R ELECTRICAL SERVICES LTD.
DO NOT SCALE THIS DRAWING. VERIFY ALL DIMENSIONS AND STRUCTURAL DETAILS ON SITE. IF IN DOUBT, ASK BEFORE ACTING.
ANY DRAWING ERRORS OR DISCREPANCIES SHOULD BE BROUGHT TO THE ATTENTION OF M&R ELECTRICAL SERVICES LTD.
THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS, SPECIFICATIONS AND SCHEDULES.

D O N O T S C A L E





NOTES

1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERING AND ARCHITECTURAL DRAWINGS, REPORTS, SPECIFICATIONS AND ALL OTHER RELEVANT CONTRACT DRAWINGS.
2. DO NOT SCALE FROM THIS DRAWING.
3. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
4. THIS IS NOT A COORDINATED WORKING OR INSTALLATION DRAWING.
5. ALL SUBMAIN CABLING TO BE XLPE/SWA/LSOH.
6. PLANT RATINGS AND SIZES ARE SUBJECT TO CHANGE PENDING MANUFACTER SELECTION
7. PANEL BOARDS/DISTRIBUTION BOARDS BUSBAR RATING EQUAL OR ABOVE THEIR INCOMING PROTECTIVE DEVICES.
8. 25% SPARE CAPACITY SHALL BE PROVIDED WITHIN THE DBs AND CONSUMER UNITS FOR FUTURE ADDITIONAL SUPPLIES, POPULATED WITH SPARE MCCB'S AS SHOWN ON THE DESIC SCHEMATICS.
9. WALL CONDUITS SHALL BE METAL, INSTALLED WITH 50% SPARE CAPACITY AND SHALL BE INSTALLED THROUGHOUT TO FORM A FULLY CONTAINED SYSTEM
10. MINIMUM BENDING RADII AND PULLING TENSIONS TO BE IN ACCORDANCE WITH DNO/IDNO DOCUMENTATION AND CABLE MANUFACTURER'S SPECIFICATIONS. ALL DATA CONTAINMENT SHALL BE CAT6A SLOW BEND COMPATIBLE.
11. SUPPORT, CONTAINMENT AND PROTECTION TO BE PROVIDED TO ALL ELECTRICAL CABLES IN ACCORDANCE WITH BS 7671:2018.
12. ALL CABLE TRAY TO BE EARTHED IN ACCORDANCE WITH IET REGULATIONS BY INSTALLED.
13. FIRE ALARM CABLING TO BE INSTALLED IN PARTITION WITH METAL DIVIDER WITHIN ELV BASKET.
14. ALL WALLS PENETRATED BY SERVICES TO HAVE HOLES SEALED WITH INTUMESCENT FOAM AND PILLOWS WHERE NECESSARY TO PROVIDE FIRE AND ACCOUSTIC RESISTANCE TO MATCH WALL RATING.
15. ALL IN GROUND SERVICES TO BE INSTALLED AS PER NJUG GUIDELINES BY GROUNDWORKE
16. ALL FINAL CONNECTIONS AND SIZES CONFIRMED ON SITE & AGREED BY THE UTILITY OPERATORS.
17. GROUNDWORKER TO ENSURE DRAWPITS/ INSPECTION CHAMBERS ARE PROVIDED AT THE END OF ALL HORIZONTAL BRANCHES AND ALL CHANGES OF DIRECTION OR ELEVATION.
18. GROUNDWORKER TO ENSURE DRAWPIT COVERS ARE RECESSED AND INFILLED WITH PAVIN TO MATCH ADJACENT LANDSCAPING & COORDINATED WITH PAVING SEES.
19. ALL BELOW GROUND DUCTS BY GROUNDWORKER ARE TO BE WATERTIGHT.
20. NORTHERN POWER GRID QUOTATION INCLUDES INSTALLATION OF MWDB 1 AND THE NEW INCOMING LV SUPPLY, DUCT AND DRAWPIT SYSTEM FOR THE DNO SUPPLY CABLE WITHIN BY GROUNDWORKER. FINAL ARRANGEMENT AND SIZES HAVE BEEN AGREED WITH NORTHERN POWER GRID.
21. DUCT SIZES SPECIFIED REFER TO THE NOMINAL INNER DIAMETER.

LEGEND

SIZE — TYPE
100 x 50 mm LV BASKET
SYSTEM

SYSTEMS:-

	DATA	DATA
	FA / ELV	FIRE ALARM + EXTRA LOW VOLTAGE
	LV	LOW VOLTAGE POWER
	SUB	SUBMAIN
	EMG LTG	EMERGENCY LIGHTING
	FIBRE	INCOMING FIBRE
	LV NPG	INCOMING NPG LV

SYMBOLS:-

DISCONNECTOR/ISOLATOR
16A — DENOTES NO. OF PHASES
DENOTES RATING (A)
CONSUMER UNIT - SINGLE PHASE
DISTRIBUTION BOARD - THREE PHASE

ABBREVIATIONS:-

CBS	CENTRAL BATTERY SYSTEM
CU	CONSUMER UNIT
CT	CABLE TRAY
DB	DISTRIBUTION BOARD
EMG	EMERGENCY
EXT	EXTERNAL
IC	INSPECTION CHAMBER
ISO	ISOLATOR
LL	LANDLORD
LTG	LIGHTING
MDB	MAIN DISTRIBUTION BOARD
WB	WIRE BASKET



m&r electrical services
PO Box 111, Toothill Lane,
Brighouse, HD6 9AY

Telephone 01484 712856
Email info@mandr-electrical.co.uk

CONSTRUCTION

SCALE	DATE	DRAWN	CHECKED
1:100 @ A1	SEPT '24	SCM	RH

CLIENT: Kirklees COUNCIL

PROJECT TITLE
DEWSBURY ARCADE,
DEWSBURY

DRAWING TITLE
LEVEL 03
PROPOSED ELECTRICAL DISTRIBUTION SYSTEMS

DRAWING N°: 1705-M&R-AD-03-PL-E-61001
REV REF: C01

REV	DATE	DESCRIPTION	DWN	CHK
C01	18.09.2025	CONSTRUCTION ISSUE	SCM	RH
P01	11.09.2024	PRELIMINARY ISSUE	SCM	RH