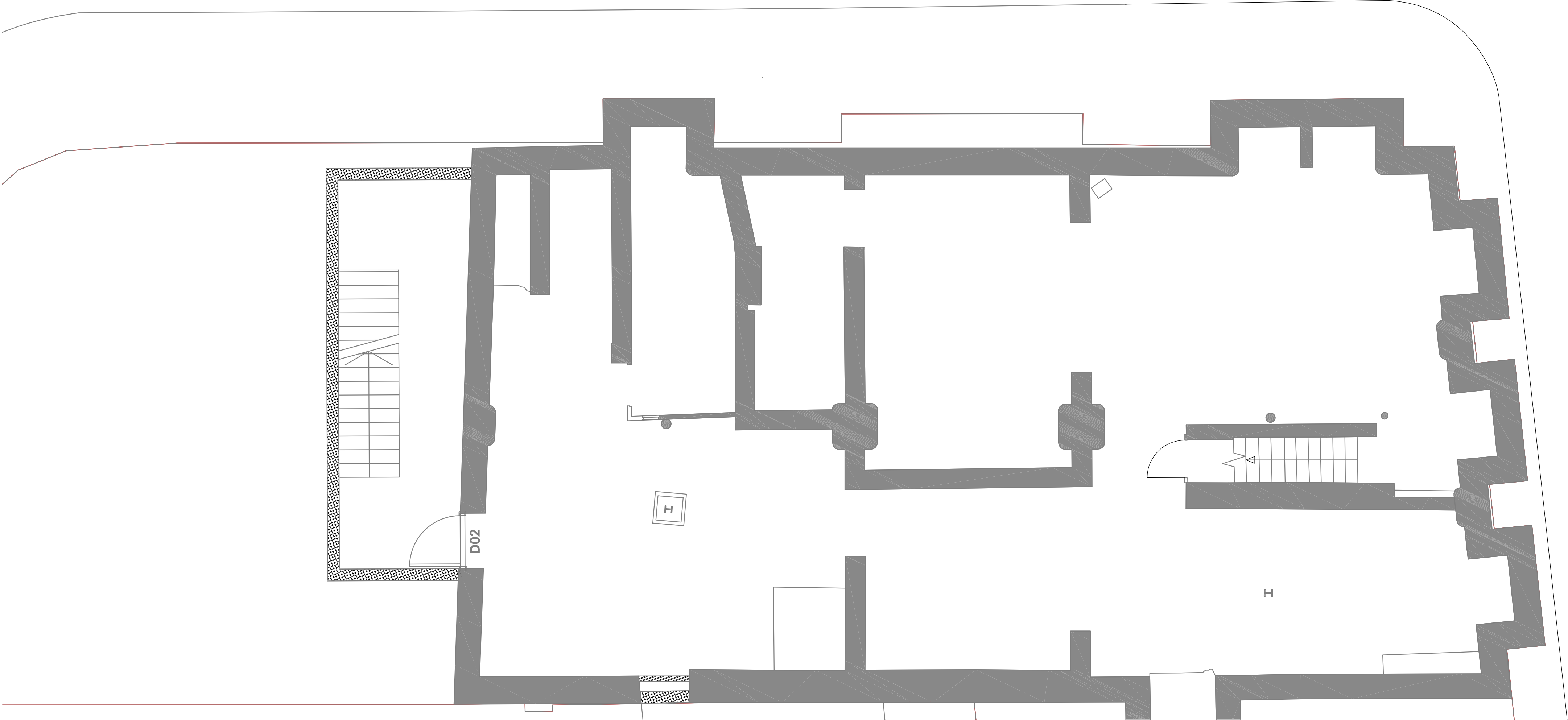
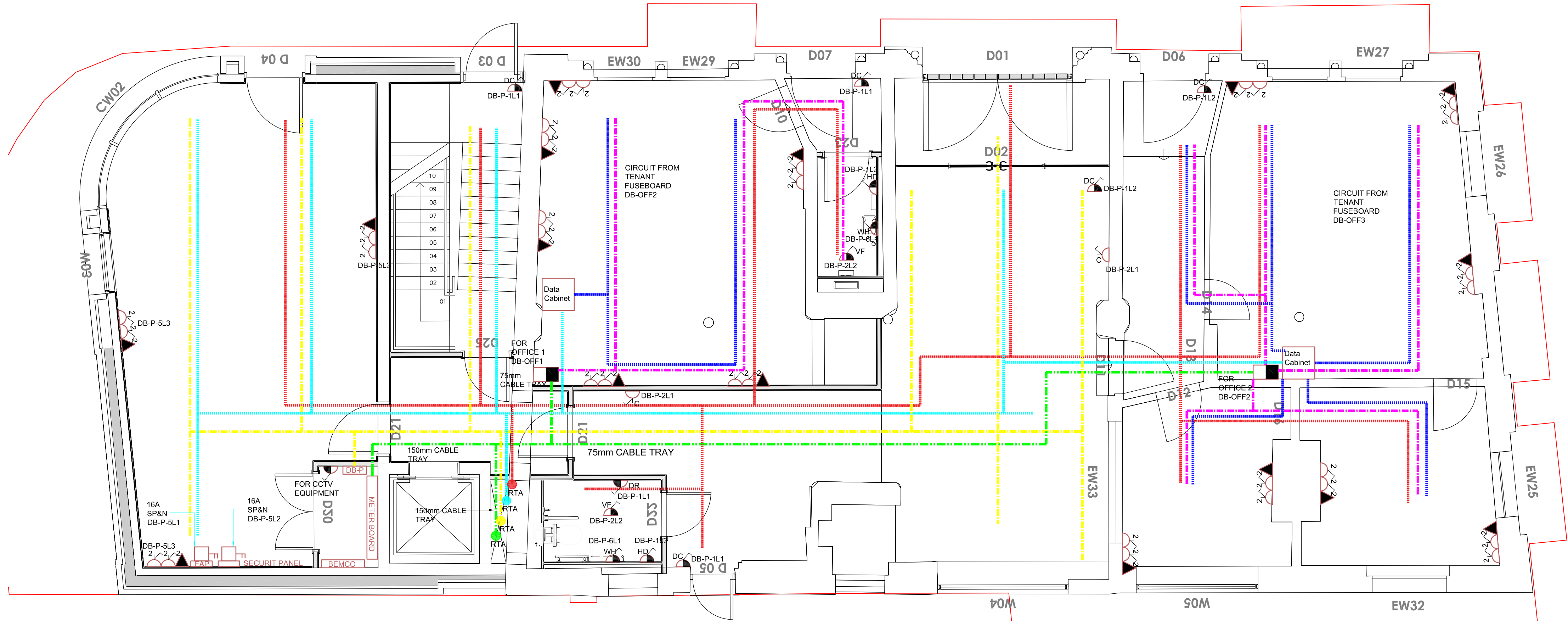




BASEMENT



GROUND FLOOR

LEGEND

- TWIN SOCKET OUTLET (SWITCHED)
- SINGLE SOCKET OUTLET (SWITCHED)
- CONNECTION UNIT (FUSED + SWITCHED)
DC - DOOR CONTACT(ABOVE CEILING)
HD - HAND DRYER
VF - VENTILATION FAN(ABOVE CEILING)
WH - WATER HEATER
DR - DISABLED WC ALARM SYSTEM
- SINGLE 13A SWITCHED CLEANERS SOCKET OUTLET
- TWIN RJ45 OUTLET
- ISOLATOR 2 POLE
- ISOLATOR 3 POLE
- DISTRIBUTION BOARD SP&N
- DISTRIBUTION BOARD TP&N

LEGEND:

- GALVANISED STEEL CABLE BASKET FOR DATA CABLING - 100x54mm AS DEFINED
- GALVANISED STEEL CABLE BASKET FOR FIRE ALARM CABLING 50x54mm AS DEFINED
- GALVANISED STEEL TRUNKING FOR LIGHTING AND POWER 100x50mm AS DEFINED
- GALVANISED STEEL CABLE TRAY FOR LV SUB-MAIN CABLING
- GALVANISED STEEL CABLE BASKET FOR DATA CABLING - 100x54mm AS DEFINED FOR TENANT AREA
- GALVANISED STEEL TRUNKING FOR LIGHTING AND POWER 100x50mm AS DEFINED FOR TENANT AREA

Notes :

- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER PROJECT DOCUMENTATION.
- ALL ELECTRICAL INSTALLATION WORKS INSTALLED IN ACCORDANCE WITH BS7671 INCORPORATING ALL CURRENT AMENDMENTS.
- THIS LAYOUT IS A TECHNICAL DESIGN TO STAGE 4 (4A) FEASIBLE GENERIC DESIGN. THE CONTRACTOR SHALL DEVELOP THE DESIGN THROUGH STAGE 4 (4B & 4C) THE PRODUCTION OF COORDINATED WORKING DRAWINGS AND STAGE 5 INSTALLATION AND AS FITTED DRAWINGS INCLUDING DETAILED DESIGN SIZES FOR FINALLY PROCURED EQUIPMENT SELECTIONS, SECONDARY CONTAINMENT, CDP ELEMENTS etc.
- ALL FINAL COORDINATION OF SERVICES SHOWN ON THIS DRAWING INCLUDING SUPPORT BRACKETS & SUPPLEMENTARY STEELWORK SHALL BE DESIGNED AND INSTALLED BY THE CONTRACTOR.
- FOR PLANT AND EQUIPMENT DETAILS REFER TO SCOPE OF WORKS AND SCHEDULES.
- NEW POWER CIRCUITS TO THE SENSORY ROOM SHALL BE INSTALLED VIA LSF SINGLES IN STEEL TRUNKING AND SHALL UTILISE GALVANISED STEEL CONDUIT WHEN DROPPING DOWN WALLS.
- ALL ELECTRICAL EQUIPMENT SHALL BE SUPPLIED AND INSTALLED TO MATCH EXISTING SITE WIDE STANDARDS.
- THE CONTRACTOR SHALL COMPLY WITH ALL ENGIE SERVICES LTD SITE WIDE STANDARDS AND PROCEDURES.

DISTRIBUTION BOARD DETAIL DB-P

Way	Phase	Circuit Type	CPC		Cable Cores	RCD (mA)	Protective Device		MCB (A)		
			Type	Size (mm ²)			Type	BS EN			
1	L1	Door controller	S	2.5	2.5	single	LSF	-	B	BS EN 60898	20
	L2	Door controller	S	2.5	2.5	single	LSF	-	B	BS EN 60898	20
	L3	Hand dryer	S	2.5	2.5	single	LSF	30	B	BS EN 61009	20
2	L1	Cleaner socket	S	4	4	single	LSF	30	B	BS EN 61009	32
	L2	Vent Fan	S	2.5	2.5	single	LSF	-	B	BS EN 60898	20
	L3	Hand dryer	S	2.5	2.5	single	LSF	30	B	BS EN 61009	20
3	L1	Vent Fan	S	2.5	2.5	single	LSF	-	B	BS EN 60898	20
	L2	Hand dryer	S	2.5	2.5	single	LSF	30	B	BS EN 61009	20
	L3	Vent Fan	S	2.5	2.5	single	LSF	-	B	BS EN 60898	20
4	L1	Lift	S	10	10	4 core	XSL	-	C	BS EN 60898	32
	L2										
	L3										
5	L1	Fire alarm panel	S	2.5	2.5	single	FP200+	-	B	BS EN 60898	16
	L2	Security panel	S	2.5	2.5	single	FP200+	-	B	BS EN 60898	16
	L3	Socket outlet	S	4	4	single	LSF	30	B	BS EN 61009	32
6	L1	Water Heater	S	4	4	single	LSF	30	B	BS EN 61009	32
	L2	Water Heater	S	4	4	single	LSF	30	B	BS EN 61009	32
	L3	Water Heater	S	4	4	single	LSF	30	B	BS EN 61009	32
7	L1	CCTV equipment	S	4	4	single	LSF	-	B	BS EN 60898	32

T5	17/08/22	TENDER ISSUE	JL	RW	RW
T4	05/08/22	TENDER ISSUE	JL	RW	RW
T3	28/07/22	TENDER ISSUE	JL	RW	RW
T2	11/07/22	TENDER ISSUE	JL	RW	RW
T1	04/07/22	TENDER ISSUE	JL	RW	RW
Rev	Date	Description	By	Check	App.

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Client	McCauls
Project	Laystall Street Office Refurbishment
Office	Altrincham
Discipline	Electrical
Title	Basement and Ground Floor Small Power Layout
Scale @ A1	1:50
Status	Tender



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Project No.	Originator	Building/Zone	Level
7/9936	CCL	XX	B,00
Type	Discipline	Drawing No.	Revision
DR	E	6201	T5