

Notes:
BASE ARCHITECT DRAWING –
2037-VEX-MCV-XX-MDR-S-9000_S2-P05 – CIP – PROPOSED
FLOOR PLAN DATE RECEIVED – 13-02-25

GENERAL

- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER PROJECT DOCUMENTATION.
- SERVICES DETAILED ON THIS LAYOUT DRAWING HAVE BEEN DYNAMICALLY CO-ORDINATED ONLY; IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO UNDERTAKE THE FINAL DETAILED CO-ORDINATION OF ALL SERVICES AND BUILDING ELEMENTS.
- THE ELECTRICAL SERVICES DETAILED DESIGN AND 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, CIBSE 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.
- A PROGRAMME OF WORKS DETAILING DATES FOR SUBMISSION OF DETAILED DESIGN AND 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.
- SUBMISSION OF ALL DETAILED DESIGN AND 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 PURCHASING MATERIALS. THE CLIENT AND HIS PROFESSIONAL TEAM SHALL ONLY PASS COMMENT ON THE DOCUMENTATION AND NOT APPROVE THESE ITEMS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DETAILED DESIGN OF ALL FIRE ALARM AND VOICE ALARM SERVICES BASED UPON THE DESIGN INTENT INDICATED ON THE LAYOUT DRAWINGS AND PROJECT DOCUMENTATION.
- ALL MOUNTING HEIGHTS FOR OUTLETS/ACCESSORIES SHALL COMPLY WITH PART M BUILDING REGULATIONS.
- ALL OUTLETS SHALL BE SITED AND SELECTED SUCH THAT FINISHES CONTRAST BETWEEN SURFACES IS FULLY COMPLAINT WITH THE REQUIREMENTS OF PART M BUILDING REGS.

SERVICE SPECIFIC

- THE CONTRACTOR SHALL INCLUDE FOR THE SUPPLY, DELIVERY, INSTALLATION, TESTING & COMMISSIONING OF THE FULL GENERAL AND EMERGENCY LIGHTING INSTALLATION AS INDICATED ON THE LAYOUT DRAWINGS AND AS NOTED WITHIN THE PROJECT DOCUMENTATION. THIS SHALL INCLUDE BUT NOT LIMITED TO ALL LUMINAIRES, CONTROLS, SUPPORTS, FIXINGS ETC.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CO-ORDINATING THE FINAL LOCATION OF ALL DEVICES AND EQUIPMENT WITH ALL OTHER SERVICES AND TRADES PRIOR TO INSTALLATION.
- FOR CEILING AND INSTALLATION DETAILS, THE CONTRACTOR SHALL REFER TO THE ARCHITECT'S DRAWINGS AND SPECIFICATION FOR DETAILS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRODUCING FULLY CO-ORDINATED REFLECTED CEILING PLANS OF ALL AREAS/ZONE/FLOORS WITHIN THE SITE DEMISE.
- WHERE LUMINAIRES ARE TO BE CONNECTED TO VIA PLUG IN TYPE, CEILING ROSES (CONNECTOR / SOCKET ARRANGEMENT) THE CONTRACTOR SHALL LABEL THE CIRCUIT AT EACH KLK UNIT. THE CABLE CONNECTING THE LUMINAIRE TO THE KLK UNIT SHALL BE A MINIMUM OF 3C OR 4C 1.0mm² HEAT RESISTANT FLEX (DEPENDENT UPON LUMINAIRE FUNCTION).
- THE CONTRACTOR SHALL PROVIDE ALL SECONDARY SUPPORTS AND ALL NECESSARY MOUNTING ACCESSORIES FOR LUMINAIRES AND OTHER ANCILLARY LIGHTING/LIGHTING CONTROL AND DISTRIBUTION EQUIPMENT.
- THE GENERAL AND EMERGENCY LIGHTING INSTALLATION SHALL NOT BE USED TO PROVIDE SITE LIGHTING FUNCTIONS DURING THE INSTALLATION, TESTING AND COMMISSIONING PHASES OF THE WORK.
- EXIT SIGNS SHALL BE MOUNTED 1000mm ABOVE DOORWAYS IN A CENTRAL LOCATION UNLESS OTHERWISE INDICATED ON THE LAYOUT DRAWINGS.
- WHERE EXISTING LUMINAIRES ARE TO BE RETAINED, THE CONTRACTOR SHALL INCLUDE FOR THE TEMPORARY DISCONNECTION AND REMOVAL FOR PROTECTION DURING THE CONTRACT, INCLUDING RE-INSTALLMENT AT THE APPROPRIATE STAGE OF THE WORKS.

B01	ISSUED FOR APPROVAL	TC	PH	15.09.25
T05	ISSUED FOR TENDER	TC	PH	30.05.25
T04	ISSUED FOR TENDER	TC	PH	28.03.25
T03	ISSUED FOR TENDER	TC	PH	11.03.25

REV	DESCRIPTION	DWN	CHK'D	DATE
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STATUS FOR APPROVAL

THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE DISCLOSED TO THIRD PARTIES, REPRODUCED OR USED, OR THE CONTENT THEREON COPIED OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF VIRIDIAN CONSULTING ENGINEERS LTD.

DWN	DATE	CHK'D	DATE	APP	DATE	SCALE@A1
						1:50/1:200

CLIENT VEXTRIX

PROJECT VICTORIA STATION
REFURBISHMENT WORKS

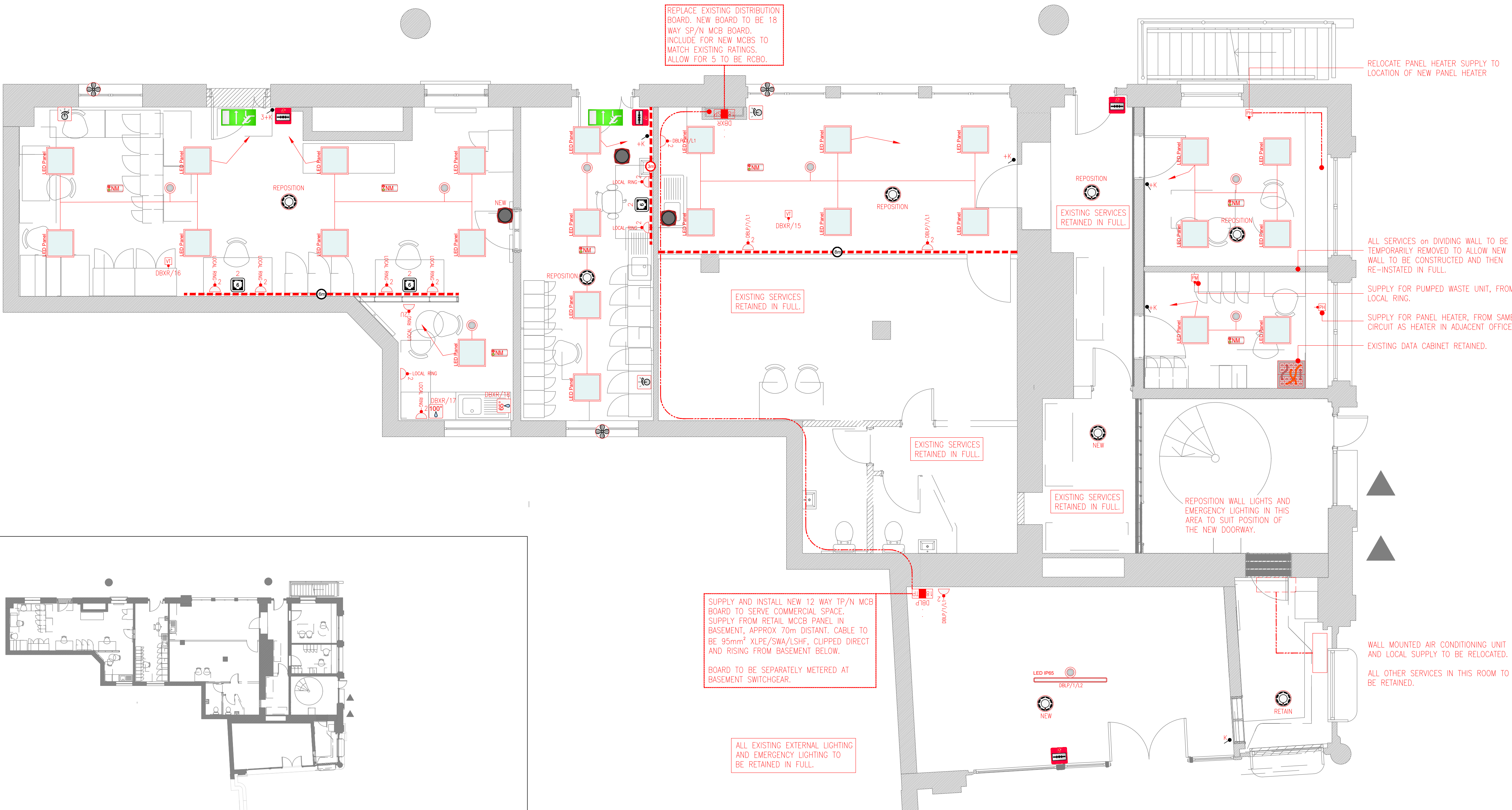
TITLE PROPOSED GENERAL
ELECTRICAL SERVICES
AREA 1

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DRAWING No. 22611(60)001 REV B01



REPLACE EXISTING DISTRIBUTION BOARD. NEW BOARD TO BE 18 WAY SP/N MCB BOARD. INCLUDE FOR NEW MCBS TO MATCH EXISTING RATINGS. ALLOW FOR 5 TO BE RCBO.

RELOCATE PANEL HEATER SUPPLY TO LOCATION OF NEW PANEL HEATER

EXISTING SERVICES RETAINED IN FULL.

EXISTING SERVICES RETAINED IN FULL.

ALL SERVICES ON DIVIDING WALL TO BE TEMPORARILY REMOVED TO ALLOW NEW WALL TO BE CONSTRUCTED AND THEN RE-INSTATED IN FULL.

SUPPLY FOR PUMPED WASTE UNIT, FROM LOCAL RING.

SUPPLY FOR PANEL HEATER, FROM SAME CIRCUIT AS HEATER IN ADJACENT OFFICE.

EXISTING DATA CABINET RETAINED.

EXISTING SERVICES RETAINED IN FULL.

EXISTING SERVICES RETAINED IN FULL.

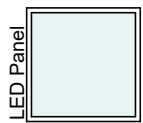
REPOSITION WALL LIGHTS AND EMERGENCY LIGHTING IN THIS AREA TO SUIT POSITION OF THE NEW DOORWAY.

WALL MOUNTED AIR CONDITIONING UNIT AND LOCAL SUPPLY TO BE RELOCATED.

ALL OTHER SERVICES IN THIS ROOM TO BE RETAINED.

SUPPLY AND INSTALL NEW 12 WAY TP/N MCB BOARD TO SERVE COMMERCIAL SPACE. SUPPLY FROM RETAIL MCB PANEL IN BASEMENT, APPROX 70m DISTANT. CABLE TO BE 95mm² XLPE/SWA/LSHF, CLIPPED DIRECT AND RISING FROM BASEMENT BELOW. BOARD TO BE SEPARATELY METERED AT BASEMENT SWITCHGEAR.

ALL EXISTING EXTERNAL LIGHTING AND EMERGENCY LIGHTING TO BE RETAINED IN FULL.



EXISTING RECESSED 600 x 600 LUMINAIRE FROM REMODELLED AREAS RESUED TO SUIT NEW LAYOUT. ANY SPARE FUNCTIONAL LUMINAIRES TO BE RETAINED AND OFFERED TO THE CLIENT FOR POTENTIAL RE-USE ELSEWHERE. MODIFY LIGHTING CIRCUIT WIRING TO SUIT NEW CONFIGURATION.

3117 LUMEN



OVERDOOR EMERGENCY EXIT SIGN.

LDL LD1S

5NM

IP65 RATED EMERGENCY LUMINAIRE WITH LIFEPO4 BATTERY

LDL JP/LED/NM

3+K

LIGHTSWITCH, NUMBER DENOTES GANGS, K DENOTES EMERGENCY LIGHTING TEST KEY SWITCH.

3+K

CUCUMBER LIGHTING BLUETOOTH ENABLED PIR. TO BE COMMISSIONED.

2

3

DBLP

18

TP

100°

65°

2

2

2

2

TWIN SWITCHED SOCKET

THREE COMPARTMENT DADO TRUNKING
3 3m LENGTH OF TRUNKING
6 2x3m LENGTHS OF TRUNKING

MCB DISTRIBUTION BOARD

20A DP SWITCH OVER COUNTER
CONTROLLING LOW LEVEL CABLE OUTLET TO HYDROBOIL UNIT, 4mm² LSHF SINGLES IN CONDUIT.

20A DP SWITCH OVER COUNTER
CONTROLLING LOW LEVEL CABLE OUTLET TO WATER HEATER, 4mm² LSHF SINGLES IN CONDUIT.

NEW CAT6A TWIN DATA OUTLET

EXISTING DATA CABINET BEING RELOCATED

SMOKE DETECTOR, NEW OR REPOSITIONED AS NOTED

EXISTING MANUAL CALL POINT

2

2

2

2

2

2

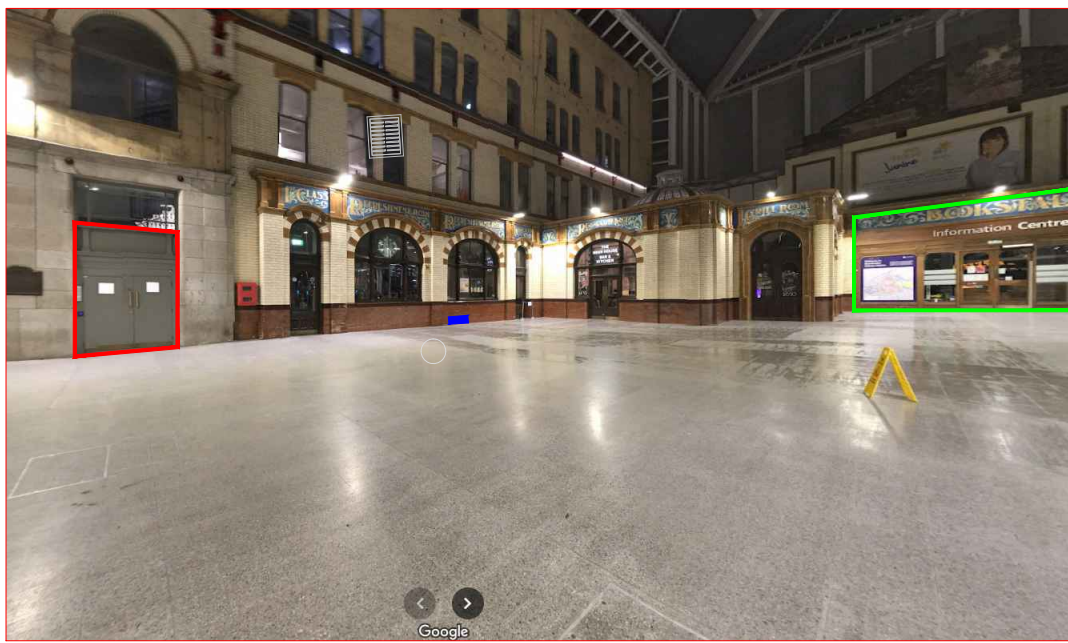
FIRE ALARM SOUNDER, NEW AS SHOWN

EXTRACT FAN, FINAL CONNECTION BY ELECTRICAL CONTRACTOR.

FAN CONTROLLER, FINAL CONNECTION BY ELECTRICAL CONTRACTOR.

SWITCHED, FUSED CONNECTION UNIT FOR PANEL HEATER.

SWITCHED, FUSED CONNECTION UNIT FOR VENTILATION SYSTEM.



DENOTES AREA OF RETAIL SPACE.

DENOTES ENTRY TO BASEMENT SWITCH ROOM. AREA IS THROUGH THESE DOORS, DOWN TO THE BOTTOM OF THE STAIRS THEN 8m INTO THE BUILDING AND 10m TO THE RIGHT AS SHOWN

SWITCHGEAR LOCATED BENEATH REFRESHMENT ROOM,

SCALE 1:200