

THE FOLLOWING SYSTEM DESIGN SPECIFICATION IS FOR THE INSTALLATION OF A FIRE DETECTION AND FIRE ALARM SYSTEM AT THE ABOVE PREMISES.  
 THE FIRE DETECTION AND FIRE ALARM SYSTEM WILL BE DESIGNED, INSTALLED AND COMMISSIONED IN ACCORDANCE WITH BS5839-1: 2017. (A FULL BAFF CERTIFICATE SHALL BE ISSUED WHEN APPROPRIATE).

**DESIGN STATEMENT**

THE QUOTATION/ SPECIFICATION FOR THE EQUIPMENT AND INSTALLATION ARE PER THE INFORMATION PROVIDED BY THE CLIENT AT THE TIME OF THE SURVEY TO CATCHPOINT UK LTD. THE SYSTEM WILL BE CONTROLLED BY AN ADDRESSABLE CONTROL PANEL, MANUAL CALL POINTS, AUTOMATIC DETECTION, INTERNAL SOUNDERS AND VISUAL ALARM DEVICES.

IT SHALL BE THE CLIENTS RESPONSIBILITY TO VERIFY THAT THE FIRE ALARM PROPOSED WITHIN THIS SPECIFICATION MEETS WITH THE REQUIREMENTS OF ANY INTERESTED PARTY, I.E. INSURERS, BUILDING CONTROL OFFICERS, FIRE AND RESCUE SERVICES ETC.

THE SYSTEM IS DESIGNED FOR A CATEGORY L1 TYPE FIRE DETECTION AND FIRE ALARM SYSTEM

**FIRE CABLE**  
 ALL CABLING FOR THE FIRE ALARM SYSTEM WILL BE 2 CORE 1.5MM STANDARD RATED FIRE CABLE.

CROFT HEAD ROAD, BLACKBURN, LANCASHIRE, BB1 5TB  
 TEL: 01254 692121 EMAIL: ACCOUNTS@CATCHPOINTUK.CO.UK  
 WEB: WWW.CATCHPOINTUK.CO.UK

**VARIATIONS FROM DESIGN**

PLEASE REFER TO THE VARIATIONS SHEET.  
**STANDARD BATTERY PERIOD**  
 THE SYSTEM SHALL BE PROVIDED WITH BATTERIES TO POWER THE SYSTEM FOR A MINIMUM OF 24 HOURS IN STANDBY AND ADDITIONAL 30 MINUTES IN ALARM.

**DESIGN DRAWING**

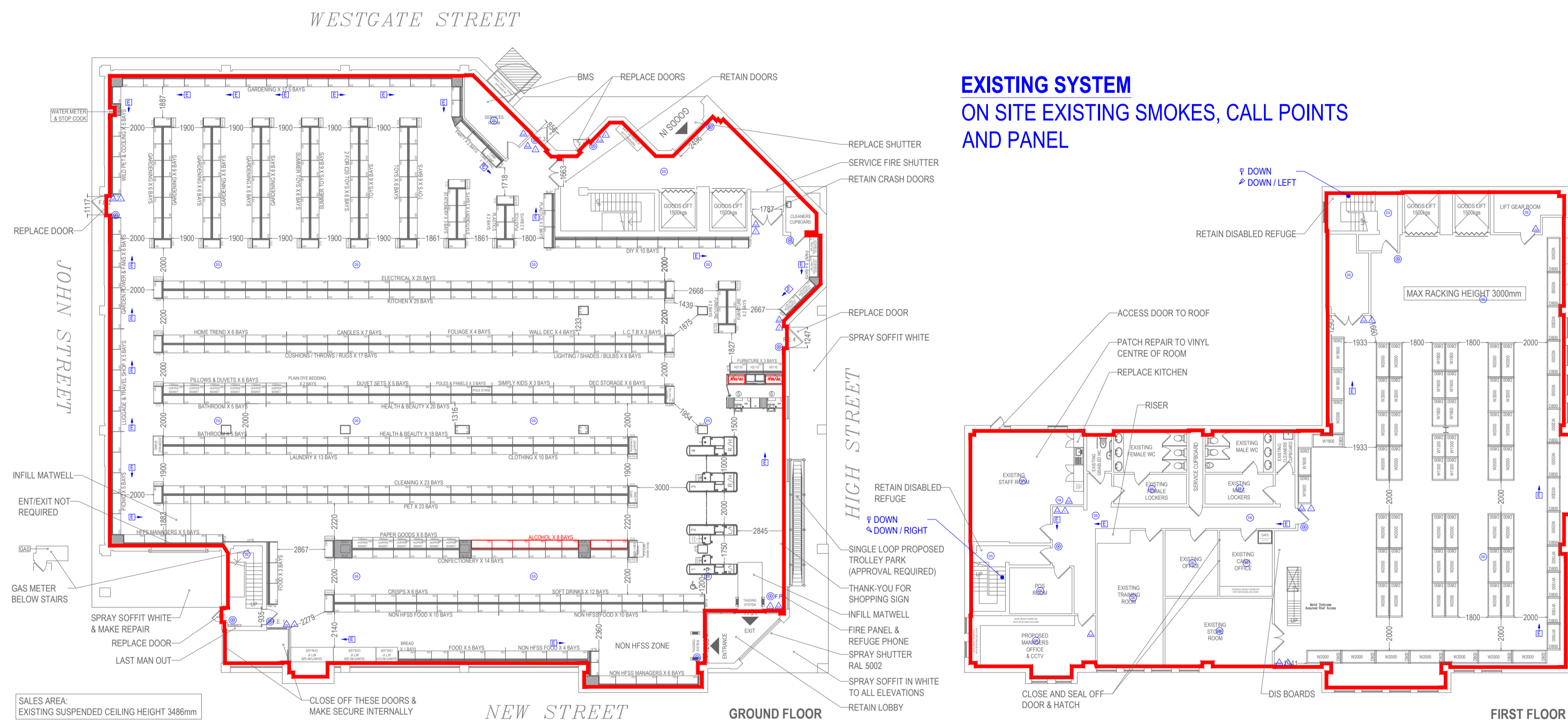
THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE ATTACHED DRAWING  
 NUMBER: TBC REVISION: 1 DATED: 28/03/2024

**CONTROL EQUIPMENT**

A 230 VOLT MAIN SUPPLY FOR THE FIRE ALARM IS TO BE SUPPLIED BY OTHERS, IN SOFT SKIN STANDARD FIRE CABLE.  
 LIST OF EQUIPMENT

- 1 X FIRE PANEL
- 31 X SMOKE DETECTORS
- 13 X MANUAL CALL POINTS

Licence for sale of alcohol to cover whole of trading area to allow for flexibility of display - Alcohol display will be less than 10% of trading area.



**EXISTING SYSTEM ON SITE EXISTING SMOKES, CALL POINTS AND PANEL**

FIRE DETAIL KEY	
F.P	ADDRESSABLE FIRE PANEL
F.P.R	FIRE PANEL REPEATER
ET	DIRECTIONAL FIRE EXIT
EL	ILLUMINATED FIRE ESCAPE SIGN
ELC	EMERGENCY LIGHTING
MC	MANUAL CALL POINT WITH SCI
EMC	EXTERNAL MANUAL CALL POINT WITH SCI
S	SOUNDER / VID
ES	EXTERNAL SOUNDER / VID
CSB	CONVENTIONAL SOUNDER BEACON
DH	DETECTOR HEAT
DHBS	DETECTOR HEAT & SOUNDER BASE WITH SCI
DS	DETECTOR SMOKE
DSV	DETECTOR SMOKE (IN VOID) (INDICATOR ON CONVENTIONAL ONLY)
DR	DETECTOR SMOKE IN ROOF
DSBS	DETECTOR SMOKE & SOUNDER BASE WITH SCI
DSVBS	DETECTOR SMOKE & SOUNDER VID BASE WITH SCI
SH	SOUNDER / HEAT
SHH	SPRINKLER HEAD
FE	FOAM FIRE EXTINGUISHER
WE	WATER FIRE EXTINGUISHER
PE	POWDER FIRE EXTINGUISHER
CE	CO2 FIRE EXTINGUISHER
BB	BEAM TO BEAM DETECTOR
CB	FIRE BLANKET
BV	BEAM IN VOID
I	INDICATOR
IU	INTERFACE UNIT
IAD	INTERFACE AUTOMATIC DOORS
ISA	INTERFACE SPRINKLER SYSTEM
EB	EXISTING BEAM
FOAM EXTINGUISHERS RATED AT 21A/144B	

No.	Interface list:	Input / Output
1	LHS Lobby Doors	Output
2	RHS Lobby Doors	Output
3	Shop Floor Entrance Doors	Output
4	Shop Floor Exit Doors	Output
5	FRHS Shop Floor GC Doors	Output
6	MRHS Shop Floor GC Doors	Output
7	GC Doors (Seasonal Display Area)	Output
8	GC Fire Exit Gate	Output
9	External Goods In Area Fire Exit Gate	Output
10	Sprinklers (In Warehouse)	Input
11	Lift (Pos Room)	Output
12	Monitoring (In Cash Office)	Output
13	Spare (In CCTV Room)	N/A

**PLEASE NOTE:**  
 All auto doors interfaces must be no more than 1M away from the door

**PLEASE NOTE:**  
 SYSTEM TO BE MONITORED

FIRE EXIT PROVISIONS - RETAIL UNIT		
EXIT WIDTHS / PERSONS		5.0 mm
MAX. SINGLE DIRECTIONAL TRAVEL DISTANCE		18 m
MAX. TWO-DIRECTIONAL TRAVEL DISTANCE		45 m
OCCUPANCY		2 m <sup>2</sup> /PERSONS
	<b>Sales Areas</b>	
	<b>Ground Floor</b>	<b>First Floor</b>
<b>COMPARTMENT AREA (m<sup>2</sup>)</b>	<b>1,250.8</b>	<b>0.0</b>
<b>OCCUPANCY (PERSONS)</b>	<b>626</b>	<b>0</b>
<b>REQUIRED OPENING (mm)</b>		
<b>(TOTAL PEOPLE X 5mm PER PERSON EXIT WIDTH)</b>	<b>3,130</b>	<b>0</b>
<b>FIRE EXIT WIDTHS (mm)</b>		
MAIN ENTRANCE/EXIT	1,203	0
MAIN EXIT (IF APPLICABLE)	1,791	0
GRP W/H DOORS (IF APPLICABLE)	0	0
GARDEN CENTRE DOORS (IF APPLICABLE)	0	0
F/E 1	935	0
F/E 2	1,117	0
F/E 3	856	0
F/E 4	1,247	0
F/E 5	0	0
<b>TOTAL CLEAR OPENING FROM COMPARTMENT FLOOR AREA (mm)</b>	<b>7,149</b>	<b>0</b>
<b>EXCLUDE LARGEST OPENING (mm)</b>	<b>1,791</b>	<b>0</b>
<b>FINAL CLEAR OPENING (mm)</b>	<b>5,358</b>	<b>0</b>

AREA APPROVED FOR THE SALE/STORAGE OF ALCOHOL

	<b>OAKHAM</b> SITE ADDRESS: (FORMER WILKO) 2 WESTGATE ST OAKHAM LE15 6BH	TITLE: PROPOSED FIRE LAYOUT (GROUND & FIRST FLOOR)	SALES AREA 1,250.8 sqm	WAREHOUSE 0.0 sqm	AMENITIES 105.9 sqm	GARDEN CENTRE (INC. GREENHOUSE) 0.0 sqm	TOTAL GROSS (ALL FLOORS) 22,298 sqft	UPPER FLOOR 0.0 sqm	STANDARD BAY FOOTAGE GROUND FLOOR 85.5	DISPLAY SPACE UPPER FLOOR 0	NETT TOTALS 477.5	TOTAL BAYS (INCLUDING END BAYS) 508.5	<table border="1"> <thead> <tr> <th>SHELVING PROFILES</th> <th>HEIGHT</th> <th>DEPTH</th> </tr> </thead> <tbody> <tr><td>STANDARD WALL BAYS</td><td>H2610</td><td>D470</td></tr> <tr><td>STANDARD PAINT BAYS</td><td>H2610</td><td>D670</td></tr> <tr><td>FRONT SHELVING BAYS (INC. 4 FOOT BEAMERS SYSTEM WITH A DOTT BAY LENS &amp; OPTIC OVERSHELF) WITH BEAMER BRACKETS</td><td>H1610</td><td>D470</td></tr> <tr><td>STANDARD LOW LEVEL</td><td>H1610</td><td>D470</td></tr> <tr><td>STANDARD GONDOLA</td><td>H1810</td><td>D470</td></tr> <tr><td>EPU: PROMO ENDS</td><td>H1810</td><td>D470</td></tr> </tbody> </table>	SHELVING PROFILES	HEIGHT	DEPTH	STANDARD WALL BAYS	H2610	D470	STANDARD PAINT BAYS	H2610	D670	FRONT SHELVING BAYS (INC. 4 FOOT BEAMERS SYSTEM WITH A DOTT BAY LENS & OPTIC OVERSHELF) WITH BEAMER BRACKETS	H1610	D470	STANDARD LOW LEVEL	H1610	D470	STANDARD GONDOLA	H1810	D470	EPU: PROMO ENDS	H1810	D470
		SHELVING PROFILES	HEIGHT	DEPTH																														
STANDARD WALL BAYS	H2610	D470																																
STANDARD PAINT BAYS	H2610	D670																																
FRONT SHELVING BAYS (INC. 4 FOOT BEAMERS SYSTEM WITH A DOTT BAY LENS & OPTIC OVERSHELF) WITH BEAMER BRACKETS	H1610	D470																																
STANDARD LOW LEVEL	H1610	D470																																
STANDARD GONDOLA	H1810	D470																																
EPU: PROMO ENDS	H1810	D470																																
CLIENT: B&M RETAIL LTD. DRG No: BM-856-0-006 DATE: 15.04.24	FLOORS: 2 SCALE: 1:200@A1 REVISION: -	REV DATE DESCRIPTION DWN																																