

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.

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.

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.

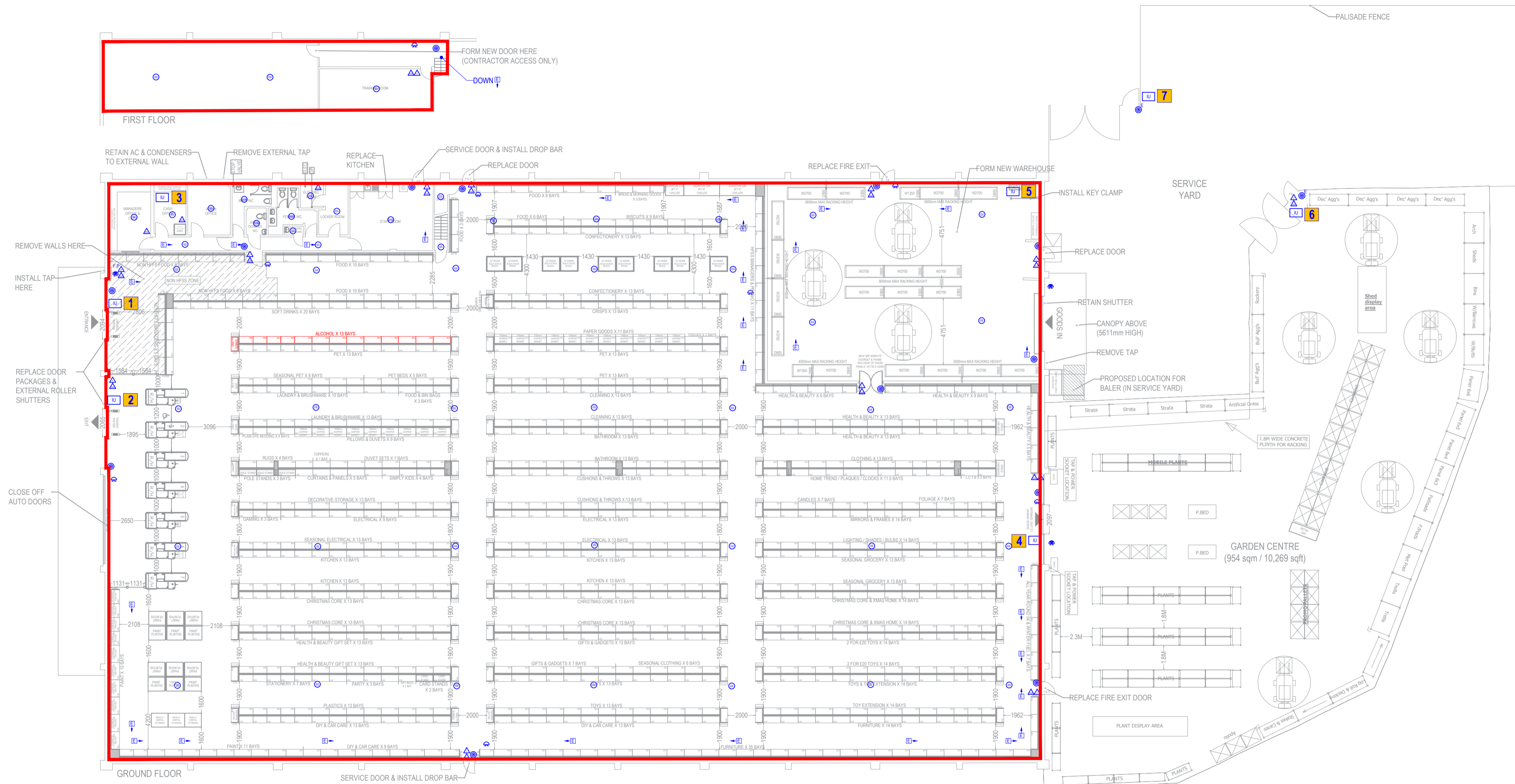
DESIGN DRAWING

THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE ATTACHED DRAWING NUMBER: TBC REVISION: 0 DATED: 02/08/2024

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

- 1X FIRE PANEL
- 2X BATTERIES
- 7X INTERFACES
- 2X HEAT DETECTORS (1X W/ SOUNDER BASE)
- 15X MANUAL CALL POINTS (2X EXTERNAL)
- 11X SOUNDER BEACONS (1X CONVENTIONAL & 2X EXTERNAL)
- 48X SMOKE DETECTORS (25X W/ SOUNDER BASES & 3X W/ SOUNDER BEACON BASES)



AREA APPROVED FOR THE SALE/STORAGE OF ALCOHOL

FIRE DETAIL KEY	
F.P	ADDRESSABLE FIRE PANEL
F.P.R	FIRE PANEL REPEATER
FE	DIRECTIONAL FIRE EXIT
IF	ILLUMINATED FIRE ESCAPE SIGN
EL	EMERGENCY LIGHTING
MC	MANUAL CALL POINT WITH SCI
EC	EXTERNAL MANUAL CALL POINT WITH SCI
S	SOUNDER / VID
ES	EXTERNAL SOUNDER / VID
CS	CONVENTIONAL SOUNDER BEACON
DH	DETECTOR HEAT
DHS	DETECTOR HEAT & SOUNDER BASE WITH SCI
DS	DETECTOR SMOKE
DSR	DETECTOR SMOKE IN VOID
DSRF	DETECTOR SMOKE IN ROOF
DSRS	DETECTOR SMOKE & SOUNDER BASE WITH SCI
DSRSV	DETECTOR SMOKE & SOUNDER VID BASE WITH SCI
SH	SOUNDER / HEAT
SHR	SPRINKLER HEAD
FE	FOAM FIRE EXTINGUISHER
WE	WATER FIRE EXTINGUISHER
PE	POWDER FIRE EXTINGUISHER
CE	CO2 FIRE EXTINGUISHER
BB	BEAM TO BEAM DETECTOR
FB	FIRE BLANKET
BE	BEAM IN VOID
IND	INDICATOR
IU	INTERFACE UNIT
IAD	INTERFACE AUTOMATIC DOORS
IS	INTERFACE SPRINKLER SYSTEM
EB	EXISTING BEAM
FE	FOAM EXTINGUISHERS RATED AT 21A/144B

No.	Interface list:	Input / Output
1	Main entrance auto doors	Output
2	Main exit auto doors	Output
3	Monitoring (In Cash office)	Output
4	Garden centre auto doors	Output
5	Gas solenoid	Output
6	Garden centre fire exit gate	Output
7	Service yard fire exit gate	Output

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

	Sales Areas	
	Ground Floor	First Floor
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 m2/PERSONS
COMPARTMENT AREA (m2)	2,387.9	0.0
OCCUPANCY (PERSONS)	1,194	0
REQUIRED OPENING (mm)		
(TOTAL PEOPLE X 5mm PER PERSON EXIT WIDTH)	5,970	0
FIRE EXIT WIDTHS (mm)		
MAIN ENTRANCE/EXIT	2,094	0
MAIN EXIT (IF APPLICABLE)	2,065	0
GRP W/H DOORS (IF APPLICABLE)	1,615	0
GARDEN CENTRE DOORS (IF APPLICABLE)	2,097	0
F/E 1	797	0
F/E 2	928	0
F/E 3	806	0
F/E 4	0	0
F/E 5	0	0
TOTAL CLEAR OPENING FROM COMPARTMENT FLOOR AREA (mm)	10,402	0
EXCLUDE LARGEST OPENING (mm)	2,097	0
FINAL CLEAR OPENING (mm)	8,305	0

<p>DO NOT SCALE - USE FIGURED DIMENSIONS ONLY. ALL LAYOUTS MUST BE VERIFIED ON SITE AND ANY DISCREPANCIES NOTIFIED IMMEDIATELY TO THE SHOPFITTER. ALL DIMENSIONAL CHECKS MUST BE MADE PRIOR TO INSTALLATION.</p>	<p>SUDBURY</p> <p>SITE ADDRESS: (FORMER B&O) EASTERN BYPASS WOODHALL BUSINESS PARK SUDBURY CO10 1WH</p>	<p>TITLE: PROPOSED FIRE LAYOUT (GROUND & FIRST FLOOR)</p> <p>CLIENT: B&M RETAIL LTD.</p>	<p>SALES AREA 2,387.9 sqm</p> <p>WAREHOUSE 283.0 sqm</p> <p>AMENITIES 121.7 sqm</p> <p>GARDEN CENTRE (INC. GREENHOUSE) 954.0 sqm</p> <p>TOTAL GROSS (ALL FLOORS) 41,623 sqft</p>	<p>GROUND FLOOR 2,387.9 sqm</p> <p>UPPER FLOOR 0.0 sqm</p> <p>STANDARD BAY FOOTAGE 25,703 sqft</p> <p>WALL BAYS 125</p> <p>GONDOLA BAYS 834</p> <p>NETT TOTALS 969</p> <p>TOTAL BAYS (EXCLUDING END BAYS) 969</p> <p>PROMO END BAYS 61</p> <p>TOTAL BAYS (INCLUDING END BAYS) 1030</p>	<p>DISPLAY SPACE BAY COORDINATE</p> <p>GROUND FLOOR 0</p> <p>UPPER FLOOR 0</p> <p>STANDARD WALL BAYS H2610 D470</p> <p>STANDARD PANTY BAYS H2610 D670</p> <p>STANDARD GONDOLA H2610 D470</p> <p>STANDARD LOW LEVEL H1610 D470</p> <p>EPU: PROMO ENDS H1810 D470</p> <p>ALL TIMBER PANELS, BAYED CORNERS & COLUMN CLADDING TO BE INSTALLED AS DETAILED ON DRAWING.</p>
		<p>LAYOUT: BM</p> <p>FLOOR: AD</p> <p>FLOORS: 2</p> <p>DRG No: BM-882-0-006</p> <p>DATE: 04.11.24</p>	<p>SCALE: 1:200@A1</p> <p>REVISION: -</p> <p>REV DATE DESCRIPTION DWG</p>		