

PREMISES.

THE FIRE DETECTION AND FIRE ALARM SYSTEM WILL BE DESIGNED, INSTALLED AND COMMISSIONED IN ACCORDANCE WITH BS5839-1: 2017. (A FULL BAFE 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 A BRAND NEW ADDRESSABLE FIRE ALARM PANEL, MANUAL CALL POINTS, AUTOMATIC DETECTION, INTERNAL SOUNDER BEACONS AND VISUAL ALARM DEVICES IN ADDITION TO EXTERNAL MANUAL CALL POINTS AND SOUNDER BEACONS WITHIN GARDEN CENTRE AND SERVICE YARD.

IT SHALL BE THE CLIENTS RESPONSIBILITY TO VERIFY THAT THE FIRE ALARM PROPOSED WITHIN THIS SPECIFICATION MEETS WITH THE REQUIREMENTS OF ANY INTERESTED PARTY, LE. 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 NEW CABLING FOR THE FIRE ALARM SYSTEM WILL BE 2 CORE 1.5MM STANDARD RATED FIRE CABLE. VARIATIONS FROM DESIGN

INTRUDER ALARM SIGNALLING DEVICE LINKED TO FIRE ALARM

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: 34990 REVISION: 0 DATED: 04/02/2025

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 2 LOOP ADDRESSABLE FIRE ALARM PANEL C/W 2 LOOP CARDS
- 82 X OPTICAL SMOKE DETECTORS
- 2 X HEAT DETECTORS
- 48 X INTEGRATED SOUNDER BASES
- 36 X STANDARD BASSES
- 2 X BATTERIES
- 5 X CEILING MOUNTED VAD C-3-8 RED BODY RED LENS
- 10 X ADDRESSABLE SOUNDER BEACONS
- 1 X CONVENTIONAL SOUNDER BEACON
- 15 X MANUAL CALL POINTS
- 2 X EXTERNAL IP RATED SOUNDER BEACONS
- 2 X EXTERNAL MANUAL CALL POINTS
- 9 X INTERFACES

EMERGENCY LIGHTING KEY

MTEC 2/10 E - 42186818

74

100

EMERGENCY LIGHT SWITCH



LED 3W TWIN SPOT EMERGENCY FLOOD LIGHT

NON MAINTAINED EMERGENCY BULKHEAD

MAINTAINED EMERGENCY EXIT SIGN

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
	Sales	Avone
	Ground Floor	
COMPARTMENT AREA (m2)	2,615.4	730.3
OCCUPANCY (PERSONS)	1,308	366
REQUIRED OPENING (mm)	6 540	
(TOTAL PEOPLE X 5mm PER PERSON EXIT WIDTH FIRE EXIT WIDTHS (mm)) -,	-,
MAIN ENTRANCE/EXIT	1,790	
MAIN EXIT (IF APPLICABLE)	1,790	- 6
GRP W/H DOORS (IF APPLICABLE)	0	· ·
GARDEN CENTRE DOORS (IF APPLICABLE)	1,600	(
F/E 1	1,800	1,700
F/E 2	1,649	1,699
F/E 3	1,649	1,135
F/E 4	4,675	C
F/E 5	0	C
TOTAL CLEAR OPENING FROM COMPARTMENT FLOOR AREA (mm)	14,953	4,534
EXCLUDE LARGEST OPENING (mm)	4.675	1,700
FINAL CLEAR OPENING (mm)	10 278	

No.

Main Exit Auto Door

Passenger Lift

Gas Solenoid

DDA Lift

Monitoring (In Cash Office)

Garden Centre Auto Doors

Garden Centre Fire Exit Gate

Service Yard Fire Exit Gate

E DRECTIONAL FIRE EXT EMERGENCY LIGHTING MANUAL CALL POINT © EXTERNAL MANUAL CALL POIN Interface list: Input / Output Main Entrance Auto Door Output

Output

Output

AREA APPROVED FOR THE

SALE/STORAGE OF ALCOHOL

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.

CONVENTIONAL SOUNDER BEACH O DETECTOR HEAT WITH SOUNDER BASE O DETECTOR SMOKE (INDICATOR SNOKE IN VOID WITH INDICATOR (INDICATOR ON CONVENTIONAL ONLY) (A) DETECTOR SMOKE IN ROOF

EXTERNAL SOUNDER BEACON

FIRE DETAIL KEY

P FIRE PANEL

F.P.R. FIRE PANEL REPEATER

O DETECTOR SMOKE WITH SOUNDER BASE DETECTOR SMOKE WITH SOUNDER BEACO

(A) SOUNDER/HEAT SPRINKLER HEAD → FOAN FIRE EXTINGUISHER.

 WATER FIRE EXTINGUISHER ▲ POWDER FIRE EXTINGUISHER △ C02 FIRE EXTINGUISHER REAM TO BEAM DETECTOR

FIRE BLANKET B BEAM IN VOID NOICATOR

ENSTING BEAM

FOAM EXTINGUISHER RATED AT 21A/144B

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

Output Output Output Output Output Output

												950x88 FL005	MEXIMA III									
ſ		TWEEDBANK	TITLE: PROPOSE	D FIRE LAY	OUT (GROL	IND FLOOR &	F			Г		2,615.4 sqm	730.3 sqm		8647	00101	184 000	PLM SPIC EQUIPMENT	799		_	
bin	- T	(BERWICK UPON TWEED)	MEZZANNE)				E			F	WAREHOUSE	28,151 sqft 230,5 sqm	7,861 sqft 111,6 sqm	WALL BAYS	980.90 US R008 R		8.00	08 80	000	SHELVING PROFILES STANDARD WALL BAYS	HEIGHT	DEPTH DATE
	00						E			Ħ		2,481 sqft 203,0 sqm		GONDOLA BAYS NETT TOTALS	715 214 - 855 258 -		4 0	0	STANDARD PAINT BAYS ONT DOT WALL BAYS AS A APPL	H2810	0670	
	SITE ADDRESS: (FORMER HOMEBASE)	DH	AD	2		E			ŧ		2,185 sqft		TOTAL BAYS	800	_	_	7	-	STANDARD LOW LEVEL	H1610	B/B/2/15	
ľ	CO NOT SCALE - USE FIGURED DIVIENSIONS ONLY.	UNIT A, TWEEDBANK RETAIL PARK NORTHUMBERLAND ROAD			SCALE: 1:200@A1	E			GARDEN CENTRE	886.4 9.54		(EXCLUDING END BAYS) PROMOTEND BAYS		47 20		167		STANDARD CONDOLA EPUL PROMO ENDS	H1810	0470 0470		
1	ALLIANOUTS MUST BE VERIFIED ON SITE AND MY OPDISPANCES NOT PHILD PARKELY TO THE BERWICK-UPON-TWEED TWEEDMOUTH BERWICK-UPON-TWEED	DATE:			REVISION:	1.1			ŀ	TOTAL GROSS	4,910.8 sqm		TOTAL BAYS	1234		٦	ML TARRES PARELS RECKED CORE TO BE INSTRUCTOR OF THE	CLABONO NG				
MAGE PRIOR TO INSTALLATION		TD15 2AS		25.02.25			REV	DATE	DESCRIPTION	Pw.	(AL FLOORS)	52,85	9 sqrt	(NOLUCING END BAYS)	, 12		234					