WORKSHOP VENTILATION NOTES

PROPOSED WINDOWS TO BE NON-OPENING TO RESTRICT ANY POTENTIAL NOISE DISTURBANCE. NATURAL VENTILATION CAN STILL BE ACHIEVED THROUGH OPENING DOORS, BUT DOORS SHOULD BE CLOSED DURING HOURS OF OPERATION AND MACHINERY USE.

THE CONTROL OF LEGIONELLA BACTERIA IN WATER SYSTEMS - APPROVED CODE OF

VENTILATION TO BE PROVIDED WITHIN WORKSHOP THROUGH MINIMUM 2No. EXTRACT FANS DUCTED TRHOUGH NEW EXTERNAL REAR WALLS, AS SHOWN. TOTAL COMBINED VENTILATION SHOULD PROVIDE A MINIMUM 1.5-2.5 AIR CHANGES PER HOUR, IN ACCORDANCE WITH THE GUIDANCE SET OUT IN CIBSE GUIDE B: 2001, AND BUILDING STANDARD 3.14.5. THE MECHANICAL VENTILATION SYSTEM SHOULD BE DESIGNED AND INSTALLED TO ENSURE THE AVOIDANCE OF CONTAMINATION BY LEGIONELLA. THE SYSTEM SHOULD BE CONSTRUCTED IN ACCORDANCE WITH THE RECOMMENDATIONS OF 'LEGIONNAIRES DISEASE: PRACTICE AND GUIDANCE - HSE L8'.

THE MECHANICAL VENTILATION SYSTEM TO BE DESIGNED AND INSTALLED BY SPECIALIST SUPPLIER, SIZED ACCORDINGLY FOR ENERGY EFFICIENCY. WHERE APPLICABLE, FANS SHOULD BE FITTED WITH VARIABLE SPEED MOTORS AND VARIABLE PITCH FANS TO OPTIMISE PERFORMANCE AT PART LOAD. TEMPERATURE SENSORS SHOULD BE PROVIDED, SET TO MINIMUM ENERGY CONSUMPTION FOR THE GIVEN OCCUPANCY OF THE BUILDING. THE CONTROL SYSTEM FOR THE MECHANICAL VENTILATION SHOULD BE SET TO AVOID SIMULTANEOUS HEATING AND COOLING OF THE ROOM. ALL MECHANICAL VENTILATION INSTALLATIONS TO BE DESIGNED AND INSTALLED IN ACCORDANCE WITH BUILDING STANDARDS 6.6.2. AND 6.6.4.



Proposed Basement Layout

FIRE ALARM/EMERGENCY LIGHTING

A WRITTEN FIRE ALARM EVACUATION STRATEGY SHOULD BE PROVIDED AND DISPLAYED IN A PROMINENT LOCATION, AT OR NEAR THE MAIN ENTRANCE TO EACH AREA. FIRE ALARM SYSTEM:

BREAK-GLASS POINT.

BREAK GLASS CALL POINTS SHOULD BE MOUNTED 1.4m FROM THE FLOOR AND SITED WHERE THEY CAN EASILY BE SEEN. MANUAL CALL POINTS SHOULD BE SITED AT EXITS TO OPEN AIR WITH EXTRA CALL POINTS TO BE PROVIDED SO THE GREATEST TRAVEL DISTANCE FROM ANY POINT IN THE BUILDING TO THE NEAREST CALL POINT DOES NOT EXCEED 30m

ALARM SOUNDER

ALARM SOUNDERS SHOULD BE AUDIBLE THROUGHOUT THE BUILDING WITH A MINIMUM SOUND LEVEL OF EITHER 65db(A) OR 5db(A) ABOVE ANY BACKGROUND NOISE LIKELY TO PERSIST FOR LONGER THAN 30 SECONDS, WHICHEVER IS THE GREATER. THESE AUDIBILITY LEVELS MUST BE PRODUCED WITH ALL DOORS SHUT. AT LEAST ONE SOUNDER SHOULD BE INSTALLED IN EACH FIRE COMPARTMENT

HEAT DETECTOR

FIRE ALARM CONTROL PANEL (LOCA CONTROL AT MAIN ENTRANCE TO BUILDING).

ESCAPE ROUTE LIGHTING

L1 FIRE ALARM SYSTEM TO BE INSTALLED AND TO THE RECOMMENDATIONS OF SECTIONS 4 AND BE MAINTAINED IN ACCORDANCE WITH BS.5839-

EXACT DETAILS OF L1 FIRE AND SMOKE ALARM SPECIALIST CONTRACTOR/INSTALLER. ESCAPE ROUTE LIGHTING AND ALARM SYSTEM T

SEPARATE, PROTECTED CIRCUITS. ALL DETECTORS INTERLINKED. EXACT POSITIONS OF ALL LIGHTING AND DETECTION SYSTEMS FITTED TO BE DETERMI ACCORDANCE WITH THE BRITISH STANDARDS.

ALL ELECTRICAL INSTALLATIONS TO COMPLY WIT CERTIFIED BY A SELECT REGISTERED ELECTRICIAL COMPLIANCE/INSTALLATION TO BE PROVIDED TO ISSUE OF CÓMPLETION CERTIFICATE FOR WORKS FIRE ESCAPE NOTES

ALL NEW DESIGNATED FIRE ESCAPE DOORS TO B EGRESS LATCHES TO INNER FACE SUITABLE FOR WITHOUT THE USE OF A KEY. LATCHES TO BE FI

ANY PASS DOORS THAT REQUIRE TO BE LOCKED WITH A FASTENING WHICH WILL ALLOW EMERGENOUSE OF A KEY, SIMILAR TO THE EXTERNAL DOOF

FIRE DOOR LOCKS TO BE FITTED IN ACCORDANCE

SERVICES, FITTINGS AND EQUIPMENT IN RELATIO MAINTENANCE OF THE BUILDING FOR FIRE SAFE

TO FRAMING AND INSULATING WALLS INTERNÁLLY. SEE PROJECT SPECIFICATION AND SECTION FOR FULL DETAILS OF TANKING REQUIREMENTS.

EXACT EXTENT OF TANKING REQUIREMENTS TO BE CHECKED ON

TRICKLE/NATURAL VENTILATION TO BE PROVIDED TO WITH VENT FITTED AT HIGH LEVEL THROUGH FRONT TO OUTSIDE AIR. VENT SHOULD BE POSITIONED AT / LESS THAN 1750mm ABOVE FLOOR LEVEL, AND SHAI MINIMUM OF 4,000mm² OPENING AREA.

ALL EXPOSED WALLS TO BE SUITABLY FRAMED OUT, BOARDED INTERNALLY. SEE PROJECT SPECIFICATION DETAILS FOR EXISTING WALL LINING. NEW DOOR BETWEEN WORKSHOP AND STORE BELOW

STAIRCASE TO UPPER FLOORS TO BE FITTED WITH H SELF-CLOSING FIRE DOOR, FITTED WITH SUITABLE IN STRIPS AND SMOKE BRUSH SEALS TO PROVIDE MINIM FIRE RESISTANCE.

DOOR ALSO TO BE INSULATED TYPE, WITH MAXIMUM 2.00W/m²K, IN ACCORDANCE WITH TABLE 6.3 TO BU STANDARD 6.2.1. ALLOWING FOR STORAGE AREA TO UNINSULATED INTERNALLY.

DOOR CLOSER TO BE CONTROLLED TYPE CLOSER IN ACCORDANCE WITH BS EN 1154.

	<u>ELECTRICAL LEGEND</u>
TED	SINGLE 13AMP S.S. OUTLET.
	DUUBLE ISAMP S.S. UUILEI.
DMMISSIONED TO BS.5839-1,	ANY INTERNAL CORNER, AND POSITIONED BETWEEN 400-1200mm ABOVE FINISHED FLOOR LEVEL. ANY SOCKETS LOCATED ABOVE AN
SECTION 6.	OBSTRUCTION (KITCHEN WORKTOP) SHOULD BE LOCATED A MINIMUM OF 150mm ABOVE PROJECTING SURFACE.
STEM TO BE PROVIDED BY	FUSED SPUR OUTLET.
BE INSTALLED ON AND SOUNDERS/ALARMS	ANY CONCEALED SOCKET OUTLETS (TO REAR OF KITCHEN WHITE GOODS) TO BE PROVIDED WITH SEPARATE ISOLATION SWITCH IN ACCESSIBLE LOCATION
CALL POINTS, SOUNDERS NED ON SITE, IN	ONE-WAY SWITCH POINT.
BS. 7671 2018. AND TO BE	← TWO-WAY SWITCH POINT.
I. CERTIFICATE OF BUILDING CONTROL PRIOR TO	LIGHT SWITCHES TO BE POSITIONED BETWEEN 900-1100mm ABOVE
	FINISHED FLOOR LEVEL.
FITTED WITH EMERGENCY	FLUORESCENT STRIP LIGHT.
ERGENCY OPERATION ED IN ACCORDANCE WITH	PENDANT LIGHT FITTING.
HOULD ALSO BE FITTED	250w LOW BAY LIGHT FITTINGS
NO LOCKS FITTED TO ALL	FEATURE SPOT LIGHT.
WITH BUILDING STANDARD	ANY RECESSED SPOT LIGHTS/DOWNLIGHTERS TO BE FITTED WITH
RED FOR THE PROPERTY.	COMPLIANT WITH BS EN ISO 140-3:1995 AND BS EN ISO 140-6:1998 FOR SOUND INSULATION/ACOUSTICS WITHIN SEPARATING FLOOR.
OF THE COMPLETION Y AND CONFIRM ALL	EXTERNAL LIGHT.
TO THE OPERATION AND Y PURPOSES.	op All lighting and controls to be designed and installed
	TO THE GUIDANCE GIVEN IN THE CIBSE 'CODE FOR LIGHTING 2002' TO PROMOTE ENERGY EFFICIENCY THROUGHOUT THE BUILDING.
	ELECTRICAL CONSUMER UNIT.
	WALL MOUNTED EXTRACT FAN.
	CEILING MOUNTED EXTRACT FAN.
	ALL ELECTRICS TO COMPLY WITH BS. 7671 2018, AND TO BE CERTIFIED BY A SELECT RECISTERED ELECTRICIAN CERTIFICATE OF
	COMPLIANCE/INSTALLATION TO BE PROVIDED TO BUILDING CONTROL PRIOR TO ISSUE OF COMPLETION CERTIFICATE FOR WORKS.
	EXACT ELECTRICAL LAYOUT TO BE AGREED ON SITE WITH CLIENT.
	INTERNAL DRAINAGE LAYOUT SHOWN THUS
	HEATING LEGEND
	PROPOSED HEATER POSITION. EXACT HEATER POSITIONS TO BE AGREED ON SITE WITH CLIENT.
	SEE PROJECT SPECIFICATION FOR FULL HEATING AND HOT WATER
	ALL WATER PIPES TO BE SUITARILY INSULATED / ACCED IN
	ACCORDANCE WITH BS.5422 : 2009.
	NOTE ALL UNFINISHED OR PARTIALLY COMPLETE PARTS OF THE
	BUILDING TO BE KEPT SECURE DURING THE FULL PERIOD OF WORKS, TO COMPLY WITH REGULATION 15 OF THE
LOCATION OF PORTA SYSTEM FOR CONNEC MACHINES. EXTRACTI REQUIREMENT WITH 1 COLLECTION ONLY. ALTHOUGH PORTABLE UNDERSIDE OF CEILIN PERMANENT LOCATIO SHOWN. ALL DUCTING DUCT, AND INSTALLE INSTRUCTION AND DE DUCT RUN IS NOT E	BLE DUST/WOOD CHIP EXTRACTION CTION TO INDIVIDUAL WOOD WORKING ION UNIT HAS A 220V-240V POWER 1HP MOTOR FOR SINGLE BAG E, FIXED DUCTING MAY BE SECURED TO NG TO EACH MACHINE TO ALLOW ON OF EXTRACTION UNIT TO LOCATION G FORMED WITH 100mmø FLEXIBLE ED TO THE MANUFACTURERS WRITTEN ETAIL, ENSURING MAXIMUM LENGTH OF XCEEDED.
	DATE REVISION INDEX
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TORAGE AREA LL, DUCTED IEIGHT NO PROVIDE A	CLIENT S J Cranston Joinery
SULATED AND R FULL	PROJECT
	PROPOSED CHANGE OF USE & ALTERATION AT FORMER BUCCLEUCH HOTEL, 1 TRINITY STREET, HAWICK.
DNCRETE F-HOUR, MESCENT M HALF-HOUR	PROPOSED CHANGE OF USE & ALTERATION AT FORMER BUCCLEUCH HOTEL, 1 TRINITY STREET, HAWICK. DRAWING TITLE PROPOSED BASEMENT LAYOUT

DRAWING No.

19-673-2001