

EXT Fan ceiling mounted ducted to outside air through Suspended Ceiling

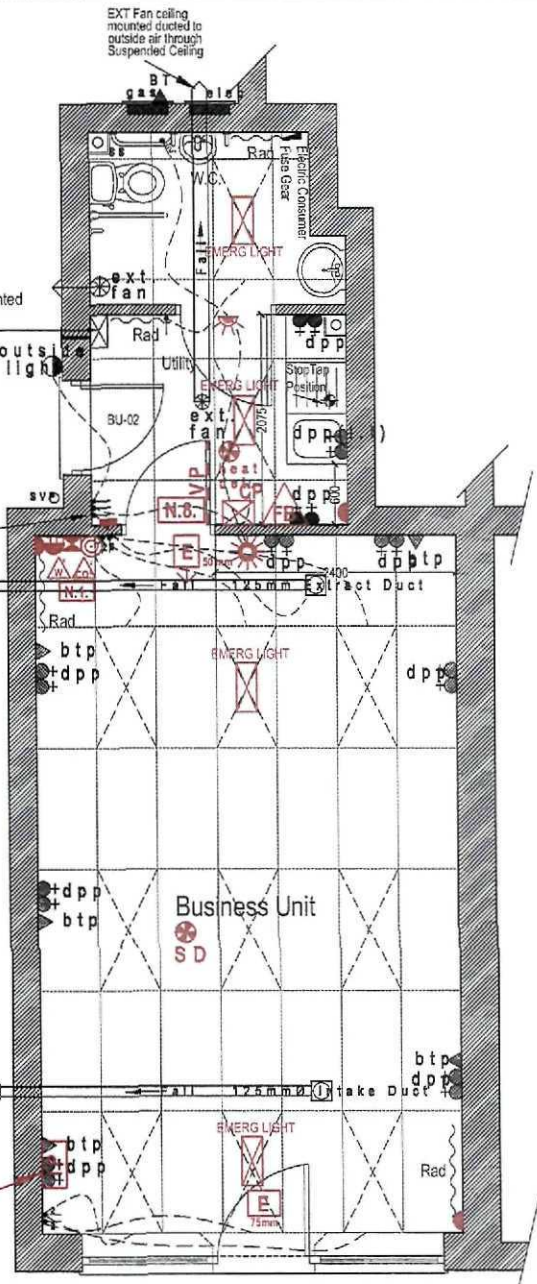
Gas Fired Wall mounted combination- boiler

outside light

EXTRACT/ INTAKE Fan manual switch & speed controller (system capable of extracting @ a rate of not less than 40L/second) Includes fan isolation switch.

Install 'Armstrong' suspended ceiling using 'Armstrong fine fissured' tiles in grid system (1200x600) giving class O surface spread of flame.

2 zone fire Panel + Isolator Switch



Planning & Development
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BUSINESS UNIT GROUND FLOOR ELECTRICAL LAYOUT & FIRE PRECAUTIONS

FIRE PRECAUTIONS BUSINESS UNIT

Fire alarm to be a Category L1 system design for Protection of life and which has automatic detectors installed throughout all areas of the Building system to **conform in all respects** to BS5839 part 1 key to symbols.

IP	Fire Alarm indicator panel	E	Graphic Fire Exit Signage, Height of symbols in mm
AWD	Fire Alarm audible warning device	E	Fire Exit directional sign, Height of symbols shown in mm (None Maintained)
VP	Vision Panel	CO ₂	Carbon Dioxide Extinguisher size in Kg.
W	Water Fire Extinguisher size in litres Min 13A rating (Hydrospray) Provide notice indicating usage.	Smoke det.	Smoke Detector
BG	Break Glass Call Point	Heat det.	Heat Detector
FB	Fire Blanket (1200 x 1200)	N.8.	Notice "Fire Door Keep Closed "or "Shut" (Both Sides)
VA	Visual and audible indicator (Emergency pull chord in W.C.) Signal to be distinguishable from the fire alarm.	N.1.	Notice General Fire Procedure
EMERG LIGHT	Emergency Lighting to conform to B.S. 5839 part 1	W.C.	W.C. Emergency pull chord Visual indicator & Reset Button - includes Isolation Switch.
CP	Intruder Alarm control panel	Recessed light	Denotes recessed light fittings within suspended ceiling grid system utilising high frequency fluorescents with TS 25mmØ tubes Cat 2 Louvers. Include for Converter pack to lights where shown Emergency lighting) Lighting to have a min average efficacy of not less than 45 luminaire Lumens per circuit watt.
K	Intruder Alarm Panel Control Keypad	FD	1 Hour Fire Resistant Door with vision panel and self closing device. Frame installed with smoke and intumescent seals
MS	Intruder Alarm movement sensor	Rad	Radiator Positions
Note	Hinges on fire doors not to contain any material with a melting point below 800°C	T	Room Thermostat