ARUN DISTRICT COUNCIL:BR/86/07/ 17/04/2007

ELECTRICAL

1 Provide isolator at 1200mm AFFL with chased cable or per slotted tray to fan cable outlet box at 1700mm AFFL to suit and phase as indicated

2 Provide 13amp cable outlet box at high level with downward chased cable to outlet at 1200mm AFFL

3 Provide twin 13amp switched spur at right at 1200mm AFFL

4 Provide single 20mm conduit for [illegible] at 1000mm AFFL

5 Dedicated 3kW 1 phase supply from switched consumer unit at [illegible]

6 Provide single 13amp switched socket outlet at 1700mm AFFL

7 Provide isolator at 1,700mm AFFL [illegible] and phase as indicated

8 Provide single 13amp switched spur outlet at 300mm AFFL

9 Provide isolator at 1200mm AFFL with chased cable or per slotted tray to [illegible] cable outlet box at 900mm AFFL [illegible] and phase as indicated

WATER

1 Provide 15mm mains water supply terminated by ball o fix valve at 300mm AFFL

2 Provide 15mm hot water supply terminated by ball o fix valve at 300mm AFFL

3 Provide 22mm mains water supply terminated by ball o fix valve at 300mm AFFL

4 Provide 22mm hot water supply terminated by ball o fix valve at 300mm AFFL

5 Provide 22mm softened cold water supply terminated by ball o fix valve at 300mm AFFL Water pressure 2 bars/4 bar

6 Provide 22mm softened hot water supply terminated by ball o fix valve at 300mm AFFL Water pressure 2 bars/4 bar

DRAINAGE

1 Provide 35mm waste pipe connection 'Multi' height 300mm AFFL

2 Provide 42mm waste pipe connection 'Multi' height 300mm AFFL

3 Provide 42mm trapped washing machine type stand pipe waste

4 Provide 51mm trapped back inlet gully at floor level

5 Provide 51mm copper waste pipe, fitted with 100mm trapped copper bundy at 100mm AFFL

6 Provide 42mm waste pipe connection at floor level

GAS

1 Provide gas supply with de-mount fascia panel isolation valve at 600mm AFFL 0.5m and bonding as indicated

2 Provide gas supply with unmount frame fascia isolation valve at 200mm AFFL Duct and bonding as indicated

3 Provide emergency gas isolation at [illegible] AFFL

GAS

An Interpath accepted Gas Solenoid Valve to be fitted to the gas supply (By Others not Phoenix) that is wired to the Kitchen Extract & Supply Ventilation system to ensure that the gas supply cannot be live unless the Kitchen Ventilation is switched ON. It is also a requirement that the ventilation system incorporates a provision to shut the gas supply off should the gas fail or the performance be reduced to a level not suitable to provide adequate ventilation for the gas appliances present. An Emergency Stop Button to be provided adjacent to the Fire Exit Door.
For all the above Refer to BS 6173 (2000 Section 10)
The wiring is BASEC and CORGI Regulations.
The Gas Meter Co. Valves to be located in the same room and in accordance with BS 6173 2000 Section 6.2.4 Para 6.2
External Fluted Gas Boxes should not be used for commercial Kitchens. Phoenix Services will not commence work with concrete extraction unless cable protected by the Gas Safe Regs. Any subsequent detrimental effect to the system would then be the responsibility of others to rectify.
Where the Supply or Systems has been given to the responsibility of others this shall have a safe capacity to run a CAT of the interlocked appliances details of which can be obtained in writing from Phoenix Services for the ventilation engineers calculations, the gas supply should also incorporate an EMF filter. If the System is not adequate Phoenix Services will not install, or connect any gas equipment or appliances. The Gregs regulations
The wiring of the incoming gas pipe to the system, not be the responsibility of the main contractor's Electrician who should be aware of the total load of the equipment shown plus a further allowance for future demand. The main contractor should also be aware that on a general rule 20% extra over should be allowed.

WATER

All water Supplies to be in accordance with Local Authority Regulations
A Commercial Dishwasher is a Class 1 Risk and its Water Supply to be in accordance with Bylaw 25. The Main Contractor (Not Phoenix) to allow for the fitting of all Waste Traps, Pipe Bends etc

ELECTRICS

All Equipment to be Earth Bonded by Electrical Contractor (Not Phoenix)
Extraction and Air Input to be Wired in 1 Core and Earth
Exact position of Ventilation Fans and ducting to be confirmed by Phoenix Services. The Main Contractors Electrician to terminate wiring to the Positions of the Gas Solenoid Valve, Remote Fan Isolators and Starter Box. Phoenix Services will wire up the Fans and Starter Box Only.
The Electrician to provide isolator for Fan Starter position together with full size back box below and wire with connecting cross where phoenix will wire Starter Box on completion installation of canopy

GENERAL

1 Ensure that no plumbing, Pipes etc hinder the correct positioning of Stainless Steel Tables and Shelving against walls

2 The Main Contractor to confirm to Phoenix Services that Walls will be suitable for fixing Brackets to Shelves and Wall Mounted Equipment in the Positions Shown

3 All service requirements are to be terminated with suitable isolators, connection boxes, gas Governors, stopcocks, valves etc there to be supplied/fitted by client (Not Phoenix Services)
Items supplied to be terminated with 1 metre of amalgament and left ready for final runs/connections by Phoenix Services

4 With the exception of electrical supplies, where all isolators are required, all services indicated are approximate in respect of actual equipment

5 Site Electrician to position Fluorescent lighting to suit work areas/flux level and extraction canopy position. Where existing lights there are to be moved by others where they come in the canopy footprint

6 Service requirements have been indicated for equipment supplied/installed by Phoenix Services (Bournemouth) Ltd. The Client should allow for Services to any equipment not supplied by Phoenix Services

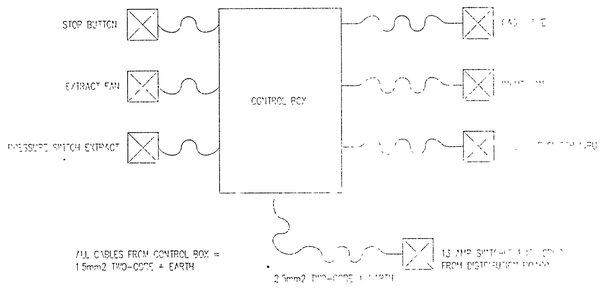
7 Entry Door to Kitchen to be Minimum of [illegible]mm wide for Installation of Catering Equipment

This drawing should be read in conjunction with Layout Drawing

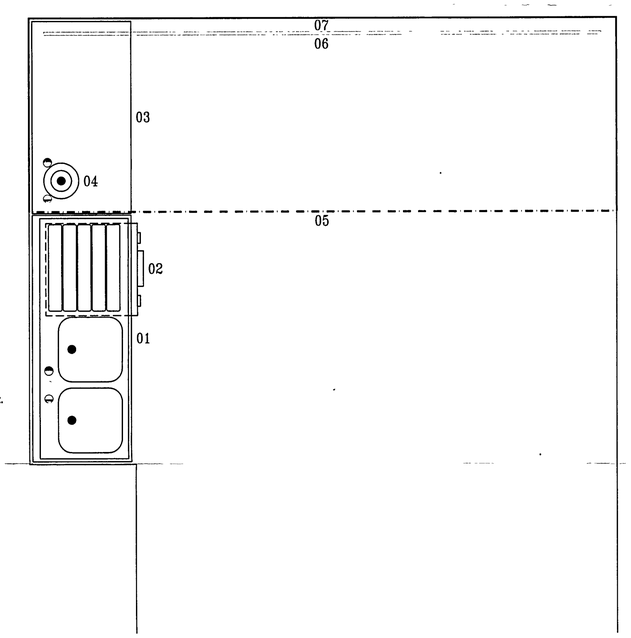
DO NOT SCALE this drawing ***** IF IN DOUBT ASK *****

This Drawing is issued by Phoenix Services (Bournemouth) Ltd Subject to the condition that it or Not Copies Made thereof or Distributed either in Whole or in Part or used in any Photographic to PHOENIX SERVICES NITPICK

Gas supply to be interlocked with the ventilation system. Contractors electrician to provide field wiring from control panel with two core and earth cables to fans, air pressure switches, any emergency isolation switch equipment to the gas valve and to the gas solenoid valve 15mm x 3m cable to make final connections only



Typical Wiring Layout For Canopy/Gas Interlock



Service Key:

- Indicates isolator to appliance or fan 1500mm above F.F.L. Unless Noted Otherwise. See Legend for Isolator rating. Allow for Single socket box above Fan Isolator for wiring of Extraction or Intake Speed Controller by Phoenix.
- Indicates Cable Outlet to Appliance other than 13amp Socket Outlet. 400mm above F.F.L. Unless Noted Otherwise ** SEE LEGEND FOR POWER OUTLET RATING. **
- 15mm or 22mm Hot Water with Stop Cock 300mm above F.F.L. Unless Noted Otherwise
- 15mm or 22mm Cold Water with Stop Cock 300mm above F.F.L. Unless Noted Otherwise
- 32mm or 38mm Waste 300mm above FFL

Check Height of Wastes for Dishwashers Ice Machines with Phoenix.

PLEASE NOTE: ALL BUILDING WORKS MAKING GOOD TO BE DONE BY OTHERS

CLIENT APPROVAL OF THE FOLLOWING:

KITCHEN LAYOUT, EQUIPMENT SPECIFICATION, WORKS TO BE UNDERTAKEN & COSTS.

..... signed ..... print name

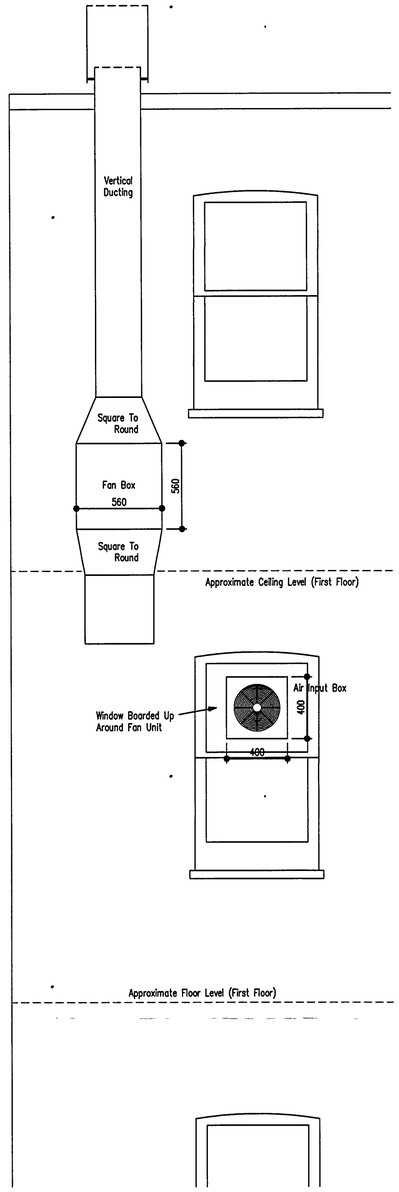
..... position ..... date

KEY KITCHEN PROGRAM DATES

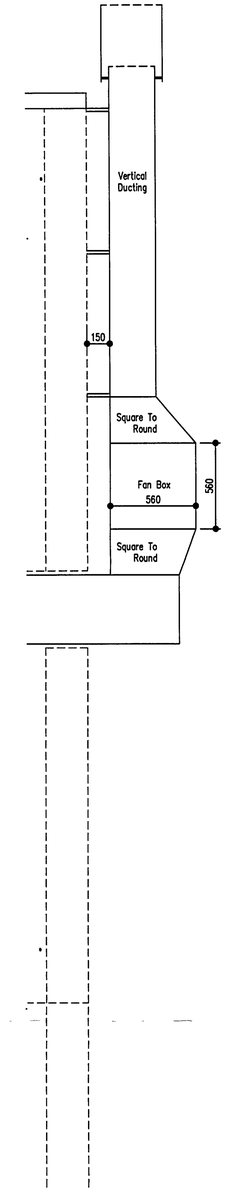
.... ---------- CLADDING-CANOPY-VENTILATION

.... ---------- COLD ROOMS

.... ---------- KITCHEN INSTALLATION



Front Elevation Of Air Input & Extraction



Sideways Section Of Air Input & Extraction

LEGEND

DESCRIPTION	ELEC Voltage/Phase	ELEC Load kW	GAS Rating kWh	GAS Conn No/LPG	HW	CW	W
01. Double Bowl Sink							
02. U/C Dishwasher							
03. S/S Table (Void Under)							
04. Hand Wash Basin (Recessed)							
05. Ex S/S Extraction Canopy							
06. Gas Rail							
07. Ex S/S Cladding							

Ex = Existing Equipment to be Reused. Loadings of Existing Equipment T.B.C.

TOTAL ELECTRICAL LOADING OF EQUIPMENT SHOWN ..... kW

TOTAL GAS LOADING OF EQUIPMENT SHOWN ..... kWh ..... Btu's

Unicorn
Bognor Regis, West Sussex

Proposed Kitchen Layout

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FULLER'S 1845

ARUN DISTRICT COUNCIL
No: BR/86/07
RECEIVED 17 4 07

Date : 29/January 2007
Scale : 1:20
Project No. : PS943
Drawing No. : PS943

REVISIONS: