

new purpose made fleche at ridge level A new discharge is proposed; this will run within the kitchen, breaking out into the 1st floor restaurant at high level and discharge to atmosphere via a

This new routing will increase the frictional resistance the fan will need to overcome; therefore the existing fan will need to be checked out, both as to its condition and suitability for this increased duty

Public

Toilets

Note style of CI grilles to be approved , Sample or illustration required

Messrs J&JW Longbottom Ltd make a selection of said grilles

Should the existing fan prove unsuitable a new bi -ficated fan of suitable capacity shall be installed,

with minimal header ductwork.

cladding to be applied to the ductwork needed to enable the discharge to run horizontally to its break out poir will also establish whether building control will require any form of fire

calculations, The contractor it to ensure that the new ducted arrange is provide with BES Ltd tender drawings are indicative only and will require contractor to site survey and produce detailed design, liaise with the architects, building control and local planners.

being carried out and these areas need to be clear

The existing public toilets are installed on a raised floor; this enab

This raised flooring will need to be kept,

replac

ed or modified for the new system

les the services to reach the external walling,

with dye testing to establish that the correct service

A full CTCV survey of the surrounding area underground drainage services is essential together

is entering the correct system

at ground level, numerious small stallholders back on

the walling

a visual inspection

It's therefore important that a full survey is carried foul water systems. This will out of necessity need the

existing system has been added too in an adhoc fashion and even has a large rainwater pipe coupled in, as there appears to be no suitable rainwater ground connection in the near vicinity

out of both the underground surface and

The Existing Drainage facilities within the Cuban Bar, comprises public & restaurant toilets, kitchen and counter drainage, This drainage is collected with the baulk of it discharging into a single 100 dia ground level socket to connect into the underground drainage systems The

The Existing Drainage facilities within the Cuban Bar,

indicative and a guide, as an As Installed survey has not been carried out

The details added to the drawing indicating Drainage Proposals, are purely

The contractor is also to advice on electrical loading to the electrical

to function,

It is proposed that the kitchen hood discharge ductwork at the moment passing through the roof terminating in a cowl, shall be made redundant. Note! The existing Ridge timber passing through the opening is not to be cut, ductwork is to divide to avoid it. The contractor shall access the void and establish what modification will be adequate access points for cleaning purposes The Optima BES Ltd tender drawings As no access at the time was available to the void above the kitchen hood it should be assumed that the existing fan will be directly coupled to the hood

ω ≥ **–** GENERAL NOTES

> Above the ceiling void run a common suitability sized metal spiral duct with metal stub let into the ceiling the connection from the diffuser to the stub duct shall be with suit that the system can be balanced VCD dampers shall be included where appropriate A similar system shall be allowed for to serve the 1st and 2nd Cuban bar toilets again suitability sized external opening disguised with a cast iron grille shall be provided A dual fan system with automatic change over shall be provided; the discharge ductwork from said unit shall l to a suitability sized external wall opening this opening shall be disguised with a suitable sized cast iron grille Main toilet entrance doors shall be fitted with appropriately sized The fan shall be timeclock controlled FIRST FLOOR Toilet Ventilation All associated control wiring and refrigeration lines will need to be re adapted and run on a system of supporting trays. As these units are the property of others, the contractor shall survey the present position and establish the current condition of said units accessing their suitability for relocation, On the external south wall under the metal walkway Various split air conditioning condensers have been installed, these units belong to various tenants, it is proposed that these units are removed off the walling to be relocated by being hung off the metal walkway Existing Air Conditioning Condenser luct with metal stub ducts run to Punka diffusers ict shall be with suitable flexible ductwork, so 300/350 Ø "AIR IN" SPIRAL EXTRACT DUCT FROM KITCHEN HOOD TO UNDERSIDE OF PLENUM BOX -SEE DETAIL "A" Dumb Waiter s 34.11 h 34.98 said unit shall be run Waiter Waiter 5 34.11 5 34.98 (36 A-1) FIRST FLOOR TOILET EXTRACT in vanity top. Install new door opening with doors having louvred low level openings of sufficient size yo provide kitchen make-up air. Louvres to have fly screen fitted -I50Ø 000 New New

> > GAS & WATER RISE UP FROM GROUND FOOR IN POSITION TBC TO FIRS FLOOR MEZZANINE AREA.

O WATER TO RISE TO ANT PLANT ROOM WATER SERVICES STING GAS BOILERS

SIDE VIEW

SURFACE I

DROP INTO FLOOR

ROP INTO NEW O FLOOR DRAINAGE CTION

BOILER THRO

R FLUE PENETRATIONS
ROOF APPROXIMATE
LOCATIONS

LEAD DORM

DISCHARGE

100mm STACK RISES TO ABOVE TO SERVE MALE TOILETS DURGOON TOP

D

SURFACE DROP INTO FLOOR

SURFACE I

DROP INTO FLOOR

LEAD FLASHING

BOILER FLUE DISCHARGE LEAD DORMERS

FRONT VIEW

APPROXIMATE SIZE 350 × 350

- DOOR TRANSFER GRILLS INTUMESCENT FIRE BLOCK IN DOOR TRANSFER GRILLE TO MAINTAIN FIRE INTEGRITY DUAL FAN IN CEILING NEW WALL EXTRACT FAN

NORTH

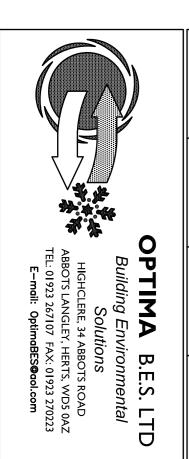
BLOCK C

SOUTH

LEAD DORMER

GROUND FLOOR usb 32.39 30.79 32.45 GAS AND WATER RISE UP IN CORNER FROM GROUND — THEN RISE TO H/L usb 32.40 30,79 - GAS & WATI AT H/L GAS & WATI LINK TO BUI WITHIN SER GAS & WATI WATER

	TER RISE UP TO FIRST CSITION TBC		F				CILDING "A"				
	Scale	Drawing		Project		Client	Rev	-	=	T 2	_
	1:75 @ A1	mg BUILDING C PROPOSED MECHANICAL SERVICES	CAMDEN STABLES MARKET LONDON	ct	STAI		Date	24-03-15		14-08-15	
	Date 11/03/15				STANLEY SIDINGS		Details	TENDER PROVISIONAL ISSUE	ARCHITECTS COMMENTS ADDED	NEW FORST TOILET BLOCK ADDED	
	Drawn TA				0,			NAL ISSUE	ENTS ADDED	T BLOCK ADDED	
	Checked DB										



Drawing and design Copyright.
Figured dimensions only are to be used.
All dimensions to be checked on site, differences between drawings and specification or bills of quantities to be referred to OPTIMA B.E.S. Ltd.

The cast iron pipework style shall be similar Before exiting the building the plastic pipework shall change to cast iron, to Block "D" with black k bolts

All internal drainage should be in Plastic solvent welded, laid to fall pipework shall be provided with rodding /access points and all shall

, fire collars fitted where appropriate , all be suitability bracketed

externally to cast iron

This proposal utilises an increased size drainage pipe acting as a fleexternally into a new drainage socket at ground level. The new grouexisting foul underground drainage system,

oat picking up appliances, and discharging ınd socket will need to be connected into the

is not of sufficient

The existing Kitchen drainage would be adapted and connected into the existing pipework.

Pipework upgraded

It is not known how the existing toilet drainage has been routed, within this floor could be encountered due to the nature of said floor construction, the floor void depth to allow large foul drainage pipes to cross and maintain a suitable fall

AP297 E201

T2