General

All works to comply wholly with the Building Standards Scotland Regulations and all relevant amendments.

All new Electrical work is to be carried-out to comply in all respects with Standard 4.5 of the Scottish Building Standards and all relevant requirements of BS 7671: 2018.

The Electrical contractor is to issue the required Certificate of Electrical Compliance upon completion of the works for issue to Local Authority

Building Standards Department. All Electrical work is to be carried-out to comply with the current issue of the IEE Regulations, including all current amendments etc.

Downtakings

All downtakings where indicated, are to be stripped out as per the proposed plan and all affected floor wall and ceiling finishes are to be made good as required.

Note: all stripped out partitions and new door openings are non-loadbearing.

Electrical Installation

Electrical fixtures are generally being retained as existing except where indicated with new fitted to client specification to suit equipment layout. Outlets and controls of electrical fixtures and systems should be positioned at least 350mm from any internal corner, projecting wall or similar obstruction and, unless the need for a higher location can be demonstrated,

not more than 1.2m above floor level. This would include fixtures such as sockets, switches, fire alarm call points

and timer controls or programmers. Within this height range light switches should be positioned at a height of between 900mm and 1.1m above floor level, standard switched or unswitched socket outlets and outlets for other services such as telephone

or television should be positioned at least 400mm above floor level. Above an obstruction, such as a worktop, fixtures should be at least 150mm above the projecting surface.

Where sockets are concealed, such as to the rear of built-in appliances, or obstructed by built-in furniture, separate switching should be provided in an accessible position, to allow appliances to be isolated.

Any Extra Low Voltage installation should be designed, constructed, installed and tested such that it is in accordance with the recommendations of BS 7671: 2018.

Fire Alarm and Detection System

New Fire Warning System is to be fitted to L3 Standard - Ground and First Floor

Note this is to be to Specialist Sub-Contractor design - a layout is shown notionally on the plan. New sounders and detectors incorporating manual break glass points,

smoke/heat detectors and sounders which are to be fully interlinked on an independent circuit

Fire Warning System to comply with British Standard BS 5839: Part 1: 2013, subject to detailed design by the appointed Sub-Contractor. Fire Warning System to comply with BS 5839: Part 1: 2013

Fire Detection System to comply with BS 5839: Part 1 2013 Full test and design certification will be submitted by the Specialist Contractor on completion of the works.

Fire Fighting Equipment

Fire Fighting Equipment to comply with BS 5306

Part 8: 2012 Code of Practice for Selection & Positioning and BS EN3 appropriate to risk. 9 Litre water extinguisher and 4.5 kg co² cylinders as indicated on the

proposed plan layout subject to approval from Fire Scotland as required. Fire Fighting Equipment to comply with BS 5306 Part 8: 2012 Code of Practice for Selection & Positioning and BS EN3 appropriate to risk

Means of Escape

Means of Escape to be provided as shown to be as existing. Note in staff areas occupancy to be less than 10. Note: no automatic doors are proposed to be installed.

Fire and Safety Signs

All Safety signs / Fife Exit signage to be installed to comply in all respects with BS5499-4: 2013 Code of Practice for Escape Route Signing and BS5499-10: 2014 Code of Practice for Fire Safety Signs.

All Fire Doors are to be provided with a self closing device and signage to comply with - Fire Door Keep Closed. All Fire Doors are to be provided with the relevant signage to comply in all respects to BS 5499 and the Health and Safety Signs and Signals regulation 1996.

Surface Finishes

All protected zones to have a surface class finish of Class O to comply with Technical Standards.

Every room, protected zone or unprotected zone, shall have wall and ceiling surfaces with a reaction to fire which complies with Technical Standard 2.5.1 and follows the guidance in table 2.4 of the Technical Standards, namely: Room not more than 30m2 - High risk

Room more than 30m2 - Medium risk Unprotected zone - Medium risk Protected zone (none envisaged) - Low risk

Upholstered Furniture

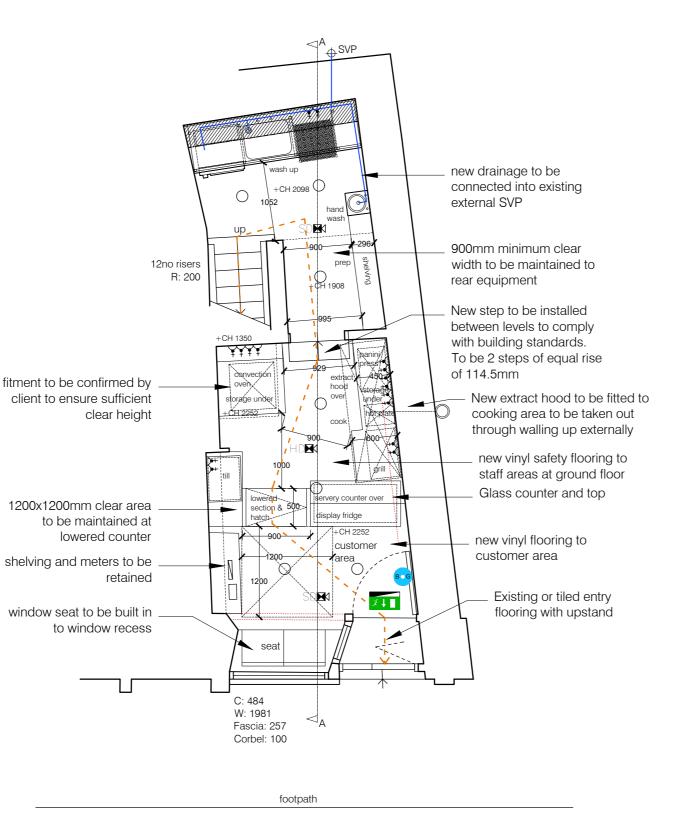
The applicant must ensure that the Furnishings comply with the Furniture & Furnishings (Fire Safety) Regs 1998 and pass the BS 5852: 2006 Ignition Sources (0-5 Test & Cigarette & Match Ignitability) Test. A Certificate of Compliance to the aforementioned British Standards should be issued by a competent person.

Emergency Lighting

New Emergency Lighting units are to be provided to accommodate the revisions to the floor plan layout.

Any new points of Exit are to be provided with fully maintained light fittings which which are installed c/w a 3 hour battery back-up and non-maintained fittinas.

The emergency lighting installation is to be installed to comply in all respects with BS5266: Part 1: 2011 (Non-maintained / Maintained). All maintained Escape Route Lighting serving any Protected Zones to be on a separate circuit from any other part of the escape route.



GROUND FLOOR PLAN



Artificial Lighting

The lighting design (including switching) should be completed in accordance with the guidance given in the Society of Light and Lighting (CIBSE) Code for Lighting 2009, and BRE Non Domestic Lighting GBG 61 Part 3

Any recessed ceiling lights to be fitted with 60 mins FR shrouds or alternatively fitted to a new lowered ceiling.

Internal Drainage

Any new drainage as indicated internally is to be installed in heat resistant UPVC by Marley or equally approved.

All internal wastes to be installed to manufacturers instructions and recommendations trapped and connected separately to SVP with internal pipework sizes as follows

Wash-Hand Basins / Small Sinks

32mm dia UPVC un-vented branch pipe (with anti-syphonic waste traps) at a gradient to suit length of waste pipe, up to maximum length of 1.7 metres. (0.50 metres = 1:11 gradient); (0.75 metres = 1:12 gradient); (1.00 metres = 1:20 gradient);

(1.25 metres = 1:30 gradient); (1.50 metres = 1:40 gradient); (1.75 metres = 1:50 gradient)

40mm dia UPVC un-vented branch pipe (with anti-syphonic waste traps) @ gradient of 1:20 (1:20min - 1:11max), up to maximum length of 3.0 metres. Kitchen Sinks

50mm dia UPVC un-vented branch pipe (with anti-syphonic waste traps) @ gradient of 1:40 (1:40min - 1:11max), up to maximum length of 4.0 metres.

Air Admittance Valves (AAVs)

All Air Admittance Valves to terminate preferably close to ceiling level or at least above the line of adjacent appliance, enclosed in a box duct framework with an access panel for maintenance

All installed in accordance with a British Board of Agrement Certificate.

Ventilation

Mechanical ventilation should be provided in accordance with the guidance in BS 5720: 1979, CIBSE Guide A: 1999 Design Data Section A4, and all relevant CIBSE Guidance.

Provide Mechanical Ventilation and Supply to enlarged Kitchen with an extract hood extracting 30 litres/second (intermittent) shall be provided or 60 litres/second if placed elsewhere.

Mechanical ventilation to be to Specialist Sub-Contractor's design and detail - ventilation layout is shown notionally only. Flue to be taken through upper floor internally and terminated at roof as illustrated.

Existing Ventilation and Supply to and other areas to be retained. Note: mechanical ventilation to be to Specialists design and detail to current CIBSE Guide, British Standards and Technical Standards with routes designed to avoid cross contamination (for example kitchen / sanitary).

Trickle Ventilation

Trickle Ventilation is to be provided for a room in a building constructed with an infiltration rate of not more than 10m3/h/m2, by the provision of a trickle ventilator with an opening of at least 4000sqmm if the room is not more than 10sqm; or a trickle ventilator with an opening area of at least 400sqmm for each square metre of room area if the area of the room is more than 10sqm - all to be in compliance with Standards 3.14.2 and 5 of the Technical Standards.

SCALE

DRAWN

005

CS

1:50 @ A2

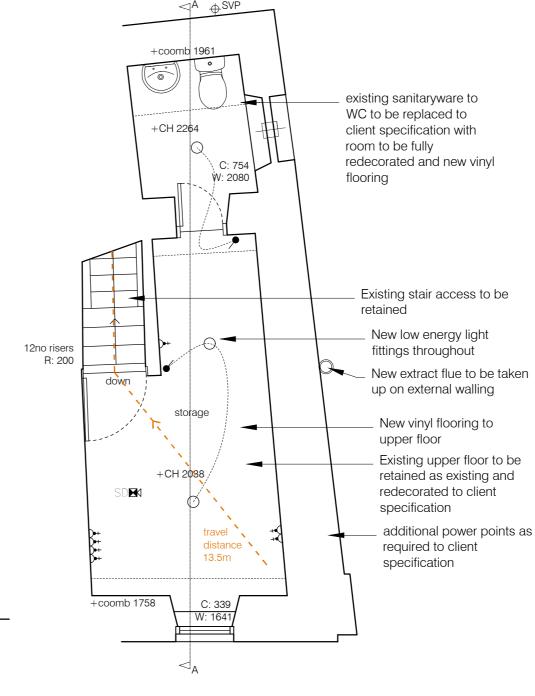
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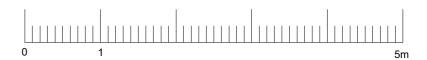


FIRST FLOOR PLAN

A Single 13 Amp socket at low level Double 13 Amp socket at low level Single Switched Spur

- Double Switched Spur
- Single 13 Amp socket at high level
- Double 13 Amp socket at high level
- Fused Spur Low Level
- Fused Spur Worktop Level Single Switch BT A BT Phone Point
- TV△ TV Ariel Point Card operation to isolate electrics. Shaver point to be located
- above vanity unit. Mechanical Extract Fan
- LED (Specification TBC) IP Rated where appropriate.
- O | Pendant Light Fitting

- Direction Emergency Exit Sign (Over Door Unit)
- Ceiling Mounted Emergency Light
- Fire Alarm Break Glass Call Point
- Smoke Detector
- Smoke Detector/Sounder
- Heat Detector/Sounder
- Multi Sensor Sounder/Beacon



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REV B : UPDATED FOLLOWING CLIENT COMMENT (30.06.21) REV A : UPDATED FOLLOWING CLIENT COMMENT (29.06.21)

19 WEST HIGH STREET, CRIEFF PH7 4AU

PROPOSED GROUND AND FIRST FLOOR PLANS

مطله

CLIENT

TITLE

PROJECT No.

DBC1625-21

MR. DEMIREZEN

interior designers