0 0.5 1 1.5 2 2.5m 5m 1:50@a2

S.D. Denotes new ceiling mounted smoke detector alarm to be mains connected and have battery back up, to be not more than 3.0m from any bedroom door, to comply with BS5839:pt 6:2004 & to be on a seperate circuit, detector to be at least 300mm from a wall or light fitting. All smoke detectotrs are to be interconnected.

All ceiling recessed lighting to Family Room to be fitted with Fire vapour & thermal Seal Loft caps 60min. fire rating or equal approved

New dg window 1200 x 450 high lintol to Engineer's spec with 150mm min bearing and trickle vents of 12000mm sq

New dg window 900 x 1050 high lintol to Engineer's spec with 150mm min bearing and trickle vents of 12000mm sq

Extension Floor Area = 41.21m² Extension Floor Area divide by 25% + ex windows/door of area = 13.35m²

Actual amount of New glazing is = ?m

All ceiling recessed lighting to be fitted with aluminium plate or 12.5mm thk box shape over new extension

Note :- All new DPC's and DPM's to be lapped with existing

All new Radiators to be fitted with TRV's in Ground Floor

All glazing to comply with BS6262 : part 4 : 2005

The minimum performance of, space heating and hot water systems, heating appliances and controls is set out in the Domestic Building Services Compliance Guide for Scotland http://www.scotland.gov.uk/Topics/Built-Environment/Building/Building-standards/techbooks/techhandbooks/dbscgs.

New Worcester boiler Combi boiler or similar approved room sealed appliance. With a Sedbuk rating of A+ efficiency to be positioned and mounted with noncombustible material min 25mm thk fixed to back of boiler with a fan flue vented thro wall with mesh cover. In addition to the functional standards, Gas-fired appliance installations must also comply with the Gas Safety (Installation and Use) Regulations 1998. Gas-fired installations are to be installed by a competent person. The Gas Safety (Installations and Use) Regulations 1998 regulates gas installations while the Gas Appliance (Safety) Regulations 1995 address the product safety of appliances.

All new glazing to have a u-value of not exceeding 1.4W/m²/K

For Combi-Boiler Installations the following BS are to be ahered to
BS 6891 Gas Installation.
BS 5546 Installation of hot water supplies for domestic purposes.

Flue to be min 25mm from any combustible material flue pipe to comply with BS. 5440-1-2000

Combustion & Cooling Air to comply with BS. 5440-2-2000

Boiler control to be fitted interlock and Automatic bypass valve,Time control Time switch with 7 day for space heating

Spillage tests to be carned outon any open-flued combustion appliances in dwelling, prior to submission of completion certificate

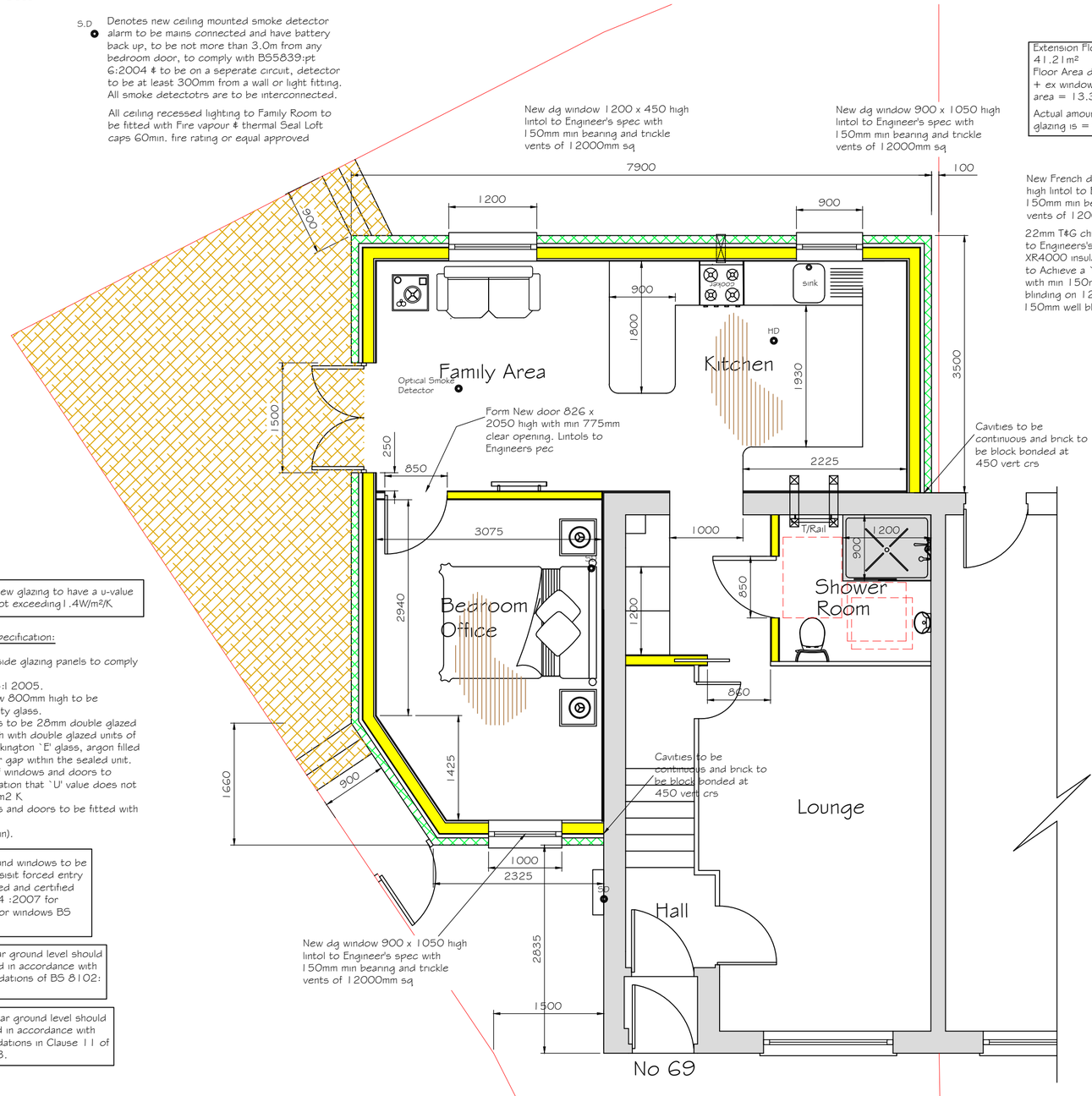
Window/door specification:

New door and side glazing panels to comply with
BS 6262: Pt.4:1 2005.
All glazing below 800mm high to be toughened safety glass.
All new windows to be 28mm double glazed pvc-u fitted with with double glazed units of Low Emissity Pilkington `E' glass, argon filled with a 20mm air gap within the sealed unit.
Manufacturer of windows and doors to provide certification that `U' value does not exceed 1.4 W/m2 K
All new windows and doors to be fitted with trickle vents (12000mm2 min).

All new doors and windows to be designed to resist forced entry and to be tested and certified such as PAS 24 :2007 for doorsets and for windows BS 7950 :1997

Walls at or near ground level should be constructed in accordance with the recommendations of BS 8102: 1990.

Floors at or near ground level should be constructed in accordance with the recommendations in Clause 11 of CP 102: 1973.



New French doors 1500 x 2050 high lintol to Engineer's spec with 150mm min bearing and trickle vents of 12000mm sq

22mm T&G chipboard flooring on timber Joists to Engineers's spec with 140mm Celotex XR4000 insulation inbetween Between Joists to Achieve a `U'Value of 0.18W/m²K with min 150mm air gap on 50mm concrete blinding on 1200 gauge visqueen as DPM on 150mm well blinded hardcore

To prevent scalding, the temperature of hot water, at point of delivery to a bath or bidet, should not exceed 48ºC.

External Wall Construction to be render as existing 385mm cavity walling 100mm block leaf, 50mm cavity, with 85mm Celotex insulation 100mm concrete block and 12.5mm Gyproc Wallboard dot and dabbed and 5kim-Coat Plaster Finish to Achieve a Thermal Value of 0.17 W/M2.K

New wall mounted xpelair fan 60l/sec 3 ach per hr. to duct out thro new and ex wall with duct cover and to be fitted with isolator switch. Capable of min 10,000mm² trickle ventilation

Form New door 826 x 2050 high with min 775mm clear opening. Lintols to Engineers spec. With Astrogrill above door

New dg window 750 x 1050 high lintol to Engineer's spec with 150mm min bearing and trickle vents of 12000mm sq

All glazing to comply with BS6262 : part 4 : 2005
Note
All vegetable matter and any debris to be removed from site within area of proposed extension

30l/sec 3 ach per hr. to duct out thro roof with suitable cowal cover and to be fitted with isolator switch capable of min 10,000mm² trickle ventilation

Robust walls to Shower room as per figure 3.32 of the Domestic handbook with 1 layer 12.5mm plasterboard on 18mm plywood on stud partitions

All New works are to be in accordance with the Building (Scotland) Regulations 2004 and all current amendments

All New works, products and processes are to be in accordance with the relevant Building Standards and manufactures guidance.

1. Electrical :-
All electrical works to be carned out in accordance with part 4.5 of the current Technical Handbook BS 7671:2008 and current I.E.E. Regulations.

2. External walls :- External Wall Construction to be render as existing 100mm Thermalite Block , 50mm Cavity, 9mm OSB Sheathing on, 145x45 Timber Studs at 600mm crs with 120 Celotex Insulation Between Studs and 25mm thk to inner leaf of stud with vapour barrier to internal Surface with 12.5mm thk p/board and 5kim-Coat Plaster Finish to Achieve a Thermal Value of 0.17 W/M2.K

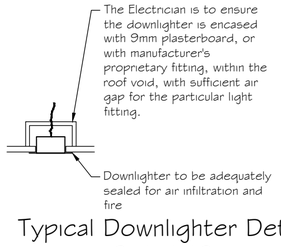
3. Roofs :- to give 0.15 'U' value (as noted)
Walls :- to give 0.19 'U' value (as noted)
Floors :- to give 0.15 'U' value (as noted)

4. solum :- 100mm hardcore 50mm whin sand blinding well compacted on DPM

5. floor :- 22mm T & G flooring on timber floating floor as noted

6. anchors to roof :- ends as noted on section 1st three joists parallel to end walls anchored at 1000mm crs. with 30x6mm th. anchors

Electrics
The electrical installation should be designed, constructed, installed and tested in accordance with the recommendations of BS7671:2008. New electrics to be connected to existing supply. White uPVC switch covers & sockets. Outlets and controls of electrical fixtures and systems should be positioned at least 350 mm from any internal corner, projecting wall or similar obstruction and, unless the need for a higher location can be demonstrated, not more than 1.2 m 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 900 mm and 1.1 m above floor level; • standard switched or unswitched socket outlets and outlets for other services such as telephone or television should be positioned at least 400 mm above floor level. Above an obstruction, such as a worktop, fixtures should be at least 150 mm above the projecting surface. Where socket outlets are concealed, such as to the rear of white goods in a kitchen, separate switching should be provided in an accessible position, to allow appliances to be isolated. 75% of all new artificial lighting should be low energy type. Electrical installation to be designed, constructed, installed and tested in accordance with the recommendations of BS 7671:2008, As amended and submitted only by a person or company having membership to S.E.L.E.C.T or N.I.E.C or similar electrical schemes recognised by the Scottish Building Standards Agency to comply with safety 4.4.5. Electrical fixtures and fittings to be positioned as per the Scottish Building Standards section 4.8.5.



Typical Downlighter Detail
Scale 1:10

Proposed Ground Floor Plan
Scale 1:50

Rev	Description	Date

Capital Draughting Consultant's Ltd
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Mob. 07834156071

Status: Planning

Project Title: Proposed Rear/Side Extension with Internal Alterations at 69 Cameron Toll Gardens Edinburgh

Client: Ms L. McMath

Drawing Title: Proposed Ground Floor Plan

Date: Mar 24

Scale: As Shown

Drawn:

Drawing Number: CDC/24/119/02

Rev.