



Dining/Extension Lighting & Ventilation

| | |
|--------------------------------|----------------------|
| Combined Floor area | : 29.8m ² |
| 1/10th of floor area | : 2.98m ² |
| 1/15th of floor area | : 1.99m ² |
| 1/20th of floor area | : 1.49m ² |
| Opening between | : 8.88m ² |
| Proposed glass area | : 2.61m ² |
| Proposed openable windows/door | : 4.09m ² |

ALL WINDOWS (TOP HOPPERS) HAVE AN OPENING ANGLE OF GREATER THAN 30°

4No. 600mm² Trickle vents fitted to extension windows/door.

All in accordance with part 3.14 & 3.16 of the Building Standards.

195x50mm C16 grade timber rafters at 600mm maximum centres. Rafters / Tie Connections to be 2No. M12mm dia. bolts. Rafters to be fixed to Eaves ring beam with Simpson Strong - Tie truss clip, type TCP50 (u.o.s.) fully nailed.

Wall Connection - 150mm stainless steel flat wall ties at 450mm vertical centres into mortar of walling secured with non shrink grout. Flexcell board sealed with Expandite or equal mastic with proprietary waterproof backing

All doubled up members to be spiked together using M4mm Ø galvanised nails 90mm long at 300mm staggered centres.

New RWP, colour to match. Gully trap to be used if a combined system

Post/wall connection detail. Timber post fixed down to blockwork with Simpson Strong-Tie reinforced angle brackets, type E2/2.5/7090, fully nailed to bottom of post and fixed into block with a minimum of 2no. Hilti (or equal) HRD-U 8 frame anchors

Glass in Window and Door to be toughened, designed to resist human impact as set out in BS 6262: Part 4: 2005, where all, or part, of a pane is: within 800 mm of floor level; or part of a door leaf; or within 300 mm of a door leaf and within 1.5 m of floor level.

All surface soil and vegetable matter to be removed from site prior to construction all to comply with 3.1.1 of the Building Standards.

Any existing drains passing through the building to be suitably protected, reconstructed or re-routed.

New 100mm UPVc Drainage to be surrounded with 5-10mm pea gravel

Any unfinished or partially complete works to be kept safe and secure to complied with Reg 15.

Foundations to bear on original firm natural sub-soils a minimum of 450mm minimum below ground level and below the invert level of any adjacent drains. FOUNDATION EXCAVATIONS TO BE RECORDED BY ARCHITECT / AGENT AND RESULTS TO BE FORWARDED TO THE STRUCTURAL ENGINEER.

Neighbouring footpath to be regular cleaned and keep free of building debris and related materials to complied with Reg 14.

Outlet and controls of electrical fixtures to be positioned at least 350mm from any internal corner, projecting wall or similar obstruction. Light switched to be positioned at a height of between 900mm and 1100mm above floor level.

Standard switched or unswitched socket outlets or outlets for other services to be positioned at least 400mm above floor level. Above obstruction, such as worktop, fixtures should be at least 150mm above projection surface.

New optical smoke detector to be hardwired and to have 'integral standby' (battery powered backup) and interlinked on a separate circuit to BS EN 14604:2005; all to comply with part 2.11.9 of the Building Standards and in accordance with BS 5839: Part 6: 2019. Smoke detectors to be mains wired and interconnected with existing house detectors where practical. Radio linked interconnection between hard wired smoke alarms and/or heat alarms may be used for a Grade D system.

Where socket outlets are concealed, separate switching should be provided in an accessible position, to allow appliances to be isolated.

An openable window, to have controls for opening, positioned at least 350mm from any corner, projection wall or any obstruction with a height off;

- No more than 1700mm above floor level where access to controls is unobstructed,
- No more than 1500mm above floor where access control is limited by a fixed obstruction, no more than 900mm High, 600mm max projection.
- No more than 1200mm above floor level, in unobstructed location, within an enhanced apartment or within accessible sanitary accommodation.

All fixed light fitting installed to be low energy type and designed to achieve appropriate lighting levels as per 6.5.1 of the Technical Standards & Section 13 of the Domestic Building Services Compliance Guide for Scotland 2022 Edition. Megaman Luminaires (or equal).

The existing heating system is capable of maintaining a temperature of 21°C in at least 1 apartment and 18°C elsewhere. All in accordance with part 3.13.1 of the Building Standards.

Any discrepancies or queries regarding any part of the works to be discussed prior to any affected work being carried out.

Drawings not to be scaled and all sizes to be checked on site.

Final position of rad's to be agreed on site by customer. All new pipework insulated with foam pipe lagging to BS5422:2009. Rad fitted with thermostatic valve

Lighting / Electrical Items all as per Specification and to final positions to be agreed on site by customer.

| Electrical Specifications & Legend | |
|------------------------------------|---------------------------------------|
| | 13 Amp Double Socket (2No. BY OTHERS) |
| | Light Switch |
| | Pendant Light |
| | Extract Fan |
| | Smoke Detector |
| | Existing Smoke Detector |
| | Existing Heat Detector (Relocated) |
| | Existing Carbon Monoxide Detector |
| | Radiator |

Electrical items shown indicatively for the purpose of Building Warrant approval. Final locations to be confirmed onsite with client prior to installation.

GENERAL NOTES

ALL ELECTRICAL WORK TO BE CARRIED OUT IN STRICT ACCORDANCE WITH THE LATEST I.E.E REGULATIONS AND TO COMPLY WITH THE 18TH EDITION OF THE BS 7671: 2018 'THE REQUIREMENTS FOR ELECTRICAL INSTALLATIONS'.

ANY DISCREPANCIES OR QUERIES REGARDING ANY PART OF THE WORKS TO BE DISCUSSED PRIOR TO ANY AFFECTED WORK BEING CARRIED OUT.

WHILST THE HIGHLIGHTED AREAS ARE INDICATIONS OF SERVICES BELOW GROUND THERE MAY BE OTHERS OUT WITH, THEREFORE ALL EXCAVATIONS SHOULD INCORPORATE EXTREME CARE AND DILIGENCE.

DRAWINGS TO BE READ AND UNDERSTOOD PRIOR TO WORK COMMENCING. FIGURED DIMENSIONS TO TAKE PREFERENCE OVER SCALED DIMENSIONS. ALL DIMENSIONS AND LEVELS TO BE CHECKED ON SITE. EXISTING DRAINAGE AND SERVICES POSITIONS TO BE CONFIRMED ON SITE. ANY DISCREPANCIES TO BE REPORTED BACK TO ARCHITECT.

| CUSTOMER APPROVAL | | |
|-------------------|------|-----------|
| SALES ADVISER | | |
| SALES MANAGER | | |
| APPROVAL | DATE | SIGNATURE |

| No. | REVISION | DRAWN BY | CHECKED BY | DATE |
|-----|--|----------|------------|------------|
| 2 | ISSUED FOR PLANNING & WARRANT APPROVAL | T.ELLIS | | 09/04/2024 |
| 1 | ISSUED TO CUSTOMER FOR APPROVAL | T.ELLIS | | 08/03/2024 |
| 0 | ISSUED TO SALES FOR APPROVAL | T.ELLIS | | 29/02/2024 |

CUSTOMER:
MR & MRS BEATTIE
10 DEEMOUNT AVENUE
ABERDEEN
AB11 7UF

PROJECT:
PROPOSED KITCHEN EXTENSION

THISTLE CONTRACT NO: **41447**

THISTLE HOUSE, WOODSIDE ROAD
BRIDGE OF DON, ABERDEEN, AB23 8EF
 TEL: 01224 706555 WWW.THISTLE.GROUP

| | | | |
|-------|---------|-------------|------------|
| DATE | FEB '24 | DRAWING NO: | 201 |
| SCALE | 1:50 | | |

No change in levels proposed as part of the development.

External steps to have 122.00mm RISE and 300.00mm GOING. Aggregate of 2x rise plus going to be 550mm minimum, 700mm maximum.

Stair Going = 310.00mm
 Stair Rise = 122.00mm
 2 x Rise + 1 x Going = 554.00mm

All to comply with 4.3.2 of the Building Standards.

Proposed Ground Floor Plan (1:50)

