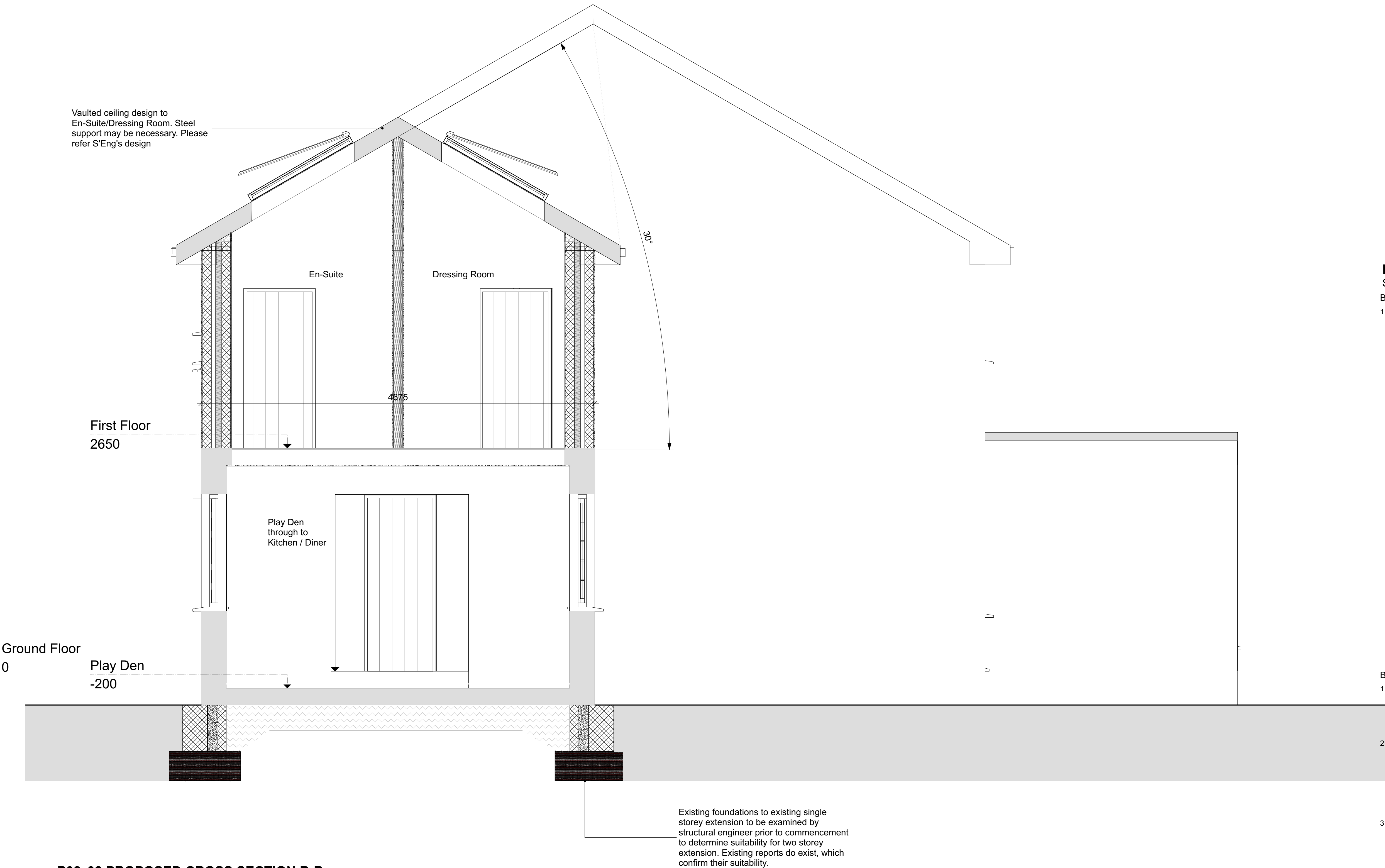




P08.02 PROPOSED CROSS SECTION B-B
SCALE 1:25 @ A1, 1:50 @ A3

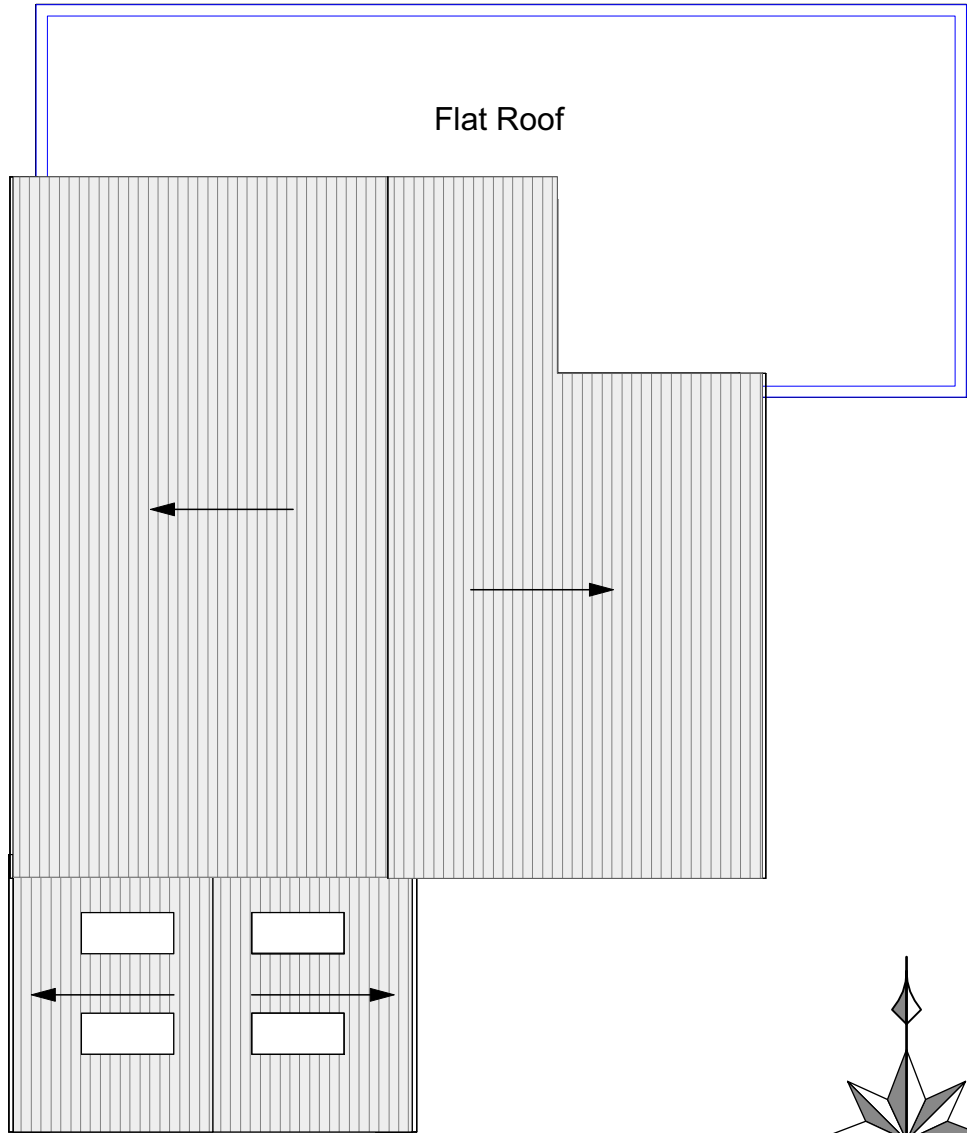
Notes:

Responsibility is not accepted for errors made by others scaling from this drawing.

All construction information should be taken from figured dimensions only. Dimensions are in millimetres unless otherwise stated.

All dimensions and conditions are to be checked on site prior to preparing drawings or commencing any work.

Any variations or supplementary drawings are to be approved by The Architect.



P08.01 PROPOSED ROOF LAYOUT
SCALE 1:100 @ A1, 1:200 @ A3

BUILDING REGULATIONS: NOTES

1. **SERVICES:**
The existing systems to be extended as required, the size of all components being calculated by a CORGI registered plumber, and incorporating:

- Thermostatic valves on all radiators.
- A 7-day programmable timer, internal and external sensors to thermostatically control the individual operation of the separate heating and hot water systems.

Mechanical extract ventilation to be provided to all:

- Kitchens: capable of extracting at a minimum rate of 60 l/s.
- Utility Rooms: capable of extracting at a minimum rate of 30 l/s.
- Bathrooms and Wc's: capable of extracting at a minimum rate of 15 l/s.

All to be able to be operated intermittently and with 15 minutes overrun.

A proprietary ducted extract grille is also to be provided to the Utility Room and in a location to be agreed, to accommodate the exhaust from the tumble dryer.

All electrical work is to be designed, installed, inspected and tested in accordance with BS 7671, an electrical installation certificate (complete with a schedule of inspections and a schedule of test results as required by part 7 f BS 7671) being provided at completion. The electrical installation is to incorporate:

- Low-energy lighting (of an efficacy greater than 40 lumens/circuit-watt) to at least 25% of all new light fittings or one per 25m2 of floor area, whichever is the greater.
- The capacity of all external lights being a maximum of 150W per fitting and controlled via a 7-day timer, daylight sensor and PIR detectors to ensure the lights only come on when required and where there is not enough daylight.
- All new switches and sockets being located between 450 - 1200mm above FFL.
- An automatic fire protection and alarm system in accordance with BS5839:Part 1, with detectors installed no closer to walls or light fittings than 300mm

The Building Control officer is to be notified prior to any covering up of any electrical cables or fittings so that an inspection can be made while they are still visible. In addition the Building Control officer is to be informed of and given the opportunity to witness the BS 7671 inspection and testing of the fixed electrical installation work.

Prior to completion the local authority is to be provided with an electrical installation certificate (complete with a schedule of inspections and a schedule of test results as required by part 7 f BS 7671) signed by the competent electrician.

Efficient lighting is to be provided to at least 25% of all new light fittings or one per 25m2 of floor area, whichever is greater. (Efficient lighting has an efficacy of greater than 40 lumens/circuit-Watt). External lighting will be less than 150W, and controlled so as to only come on when required and where there is not enough daylight.

BUILDING REGULATIONS: NOTES

1. **ACCESS, CIRCULATION & PROTECTION FROM FALLING:**
Guarding to be provided to all balconies which will:

- withstand a horizontal UDL of 0.36kN/m and at a height of 1100 mm above the floor level.
- ensure a 100 mm sphere cannot pass through any opening, and that children will not readily be able to climb it.

2. **STAIRS** to be at a maximum pitch and width of 42° and 1000mm respectively and with a minimum headroom of 2000mm provided above (measured vertically from the pitch line of the stair). The maximum rise and minimum going of each step is to be 200mm and 250mm respectively, the sum of twice the rise plus the going being between 550mm and 700mm.

50mm diameter handrails capable of withstanding a horizontal UDL of 0.36kN/m to be provided to:

- one side of all stairs minimum, at a height of between 900 and 1000mm measured vertically above the pitch line of the stair.
- all balconies and landings at a height of 1100 mm above finished floor level.

3. **FIRE:**
Except for kitchens, all habitable rooms in the proposed extension are provided with a window (or door) having an unobstructed openable area that is at least 0.33m2 and at least 450mm high and 450mm wide with the bottom of the openable area not more than 1100mm above the floor enabling the person escaping to reach a place free from danger from fire.

NO.	DATE	REVISION	BY
CLIENT	Cerith & Kimberley Davies		
PROJECT	Proposed two-storey side extension		
DRAWING TITLE	Proposed Cross Section B-B		
DRAWN/CHECKED	SCALE	DATE	DRAWING NO.
GWLT	1:25 @ A1, 1:50 @ A3	21/01/2021	P 08
REV.			

DO NOT SCALE FOR CONSTRUCTION PURPOSES • ALL DIMENSIONS TO BE CHECKED ON SITE • NOTIFY ARCHITECT OF ALL DISCREPANCIES • THIS DRAWING IS COPYRIGHT