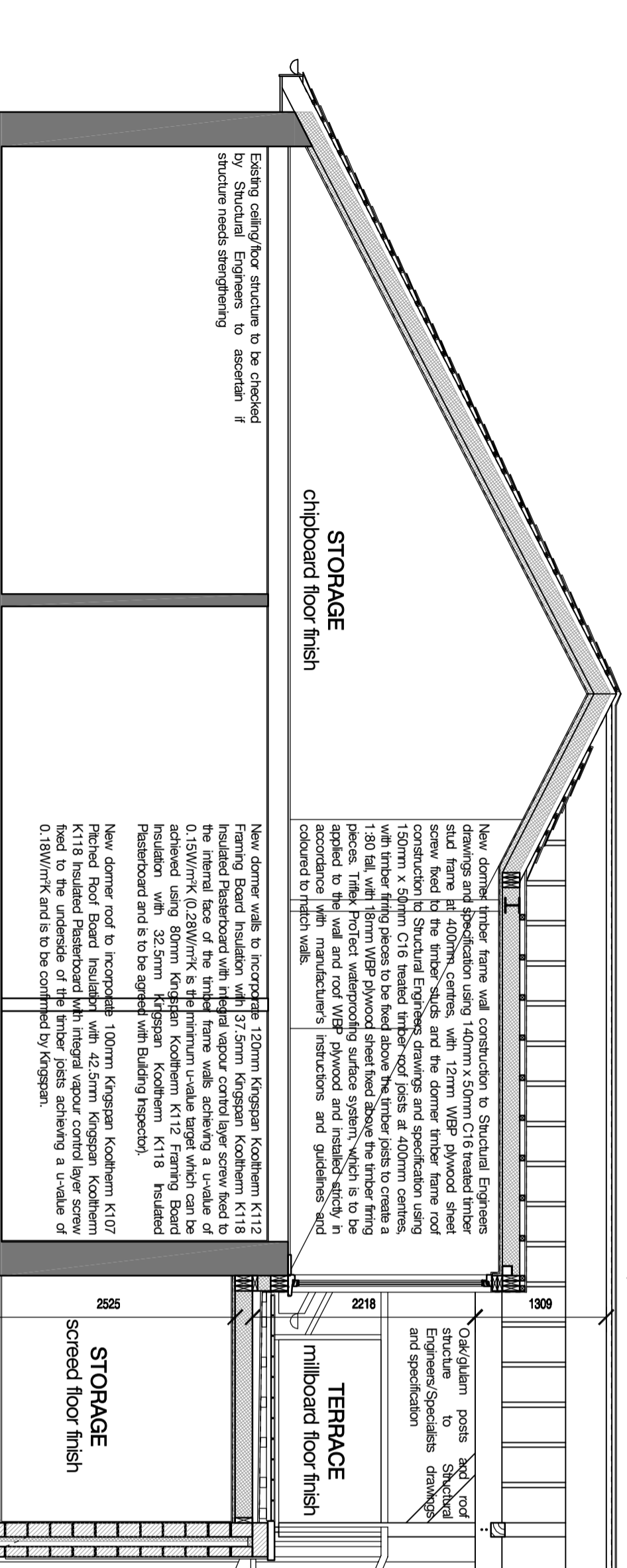


rainers at 400mm centres to Structural Engineers design drawings and specification, with a breather membrane lapped over timber/tiling fillet at the eaves into gutters, with 25mm x 38mm timber slat battens to BS 5534:2014 and slate roof finish. Slate roof finish to match existing and to be 600mm x 300mm with a 200mm headlap in accordance with BS5534: 2003



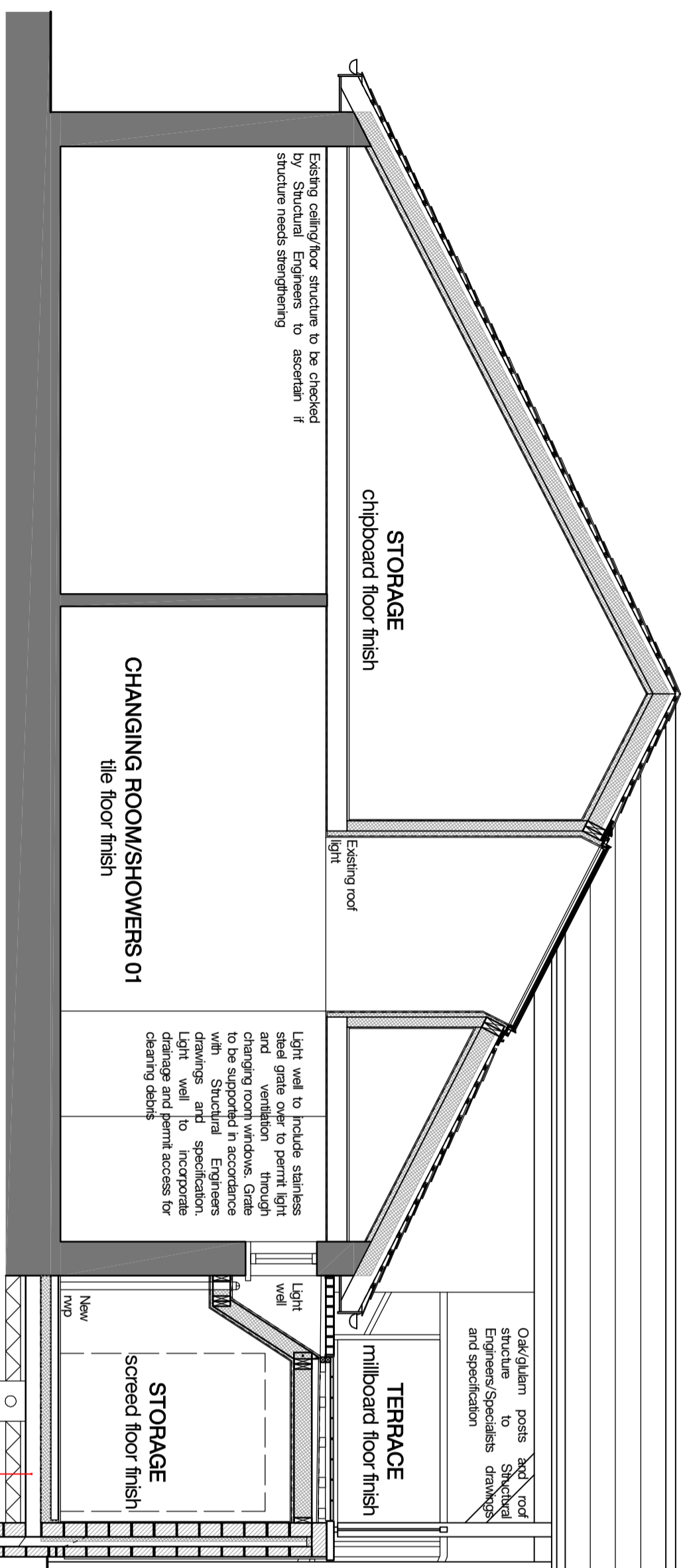
New dormer timber frame wall construction to Structural Engineers drawings and specification using 140mm x 50mm C16 treated timber stud frame at 400mm centres with 12mm WBP plywood sheet screw fixed to the timber studs and the dormer timber frame roof construction to Structural Engineers drawings and specification using 150mm x 50mm C16 treated timber roof joists at 400mm centres, with timber fitting pieces to be fixed above the timber joists to create a 1.80 fall with 18mm WBP plywood sheet fixed above the timber fitting pieces. Triflex Protect waterproofing surface system, which is to be applied to the wall and roof WBP plywood and installed strictly in accordance with manufacturer's instructions and guidelines and coloured to match walls.

New dormer roof to incorporate 100mm Kingspan Kooltherm K107 Pitched Roof Board insulation with 42.5mm Kingspan Kooltherm K118 Insulated Plasterboard with integral vapour control layer screw fixed to the underside of the timber joists achieving a U-value of 0.18W/m²K and is to be confirmed by Kingspan.

430mm² x 220mm deep Vesqueen radon sump or similar and approved to be positioned beneath the concrete floor slab, ensuring that any fill used beneath the slab does not contain excessive fines. 110mm PVCu pipe to be connected to radon sump and extended horizontally through the external wall, ensuring all joints and couplings are airtight and pipe is backfilled with clean permeable material without excessive fines. The pipe to be terminated just below the ground level and capped 100mm away from the face of the external wall and clearly identified

PROPOSED SECTION C-C SCALE: 1:50 @ A2

New 24" pitched roof construction using 150mm x 50mm U24 treated timber rafters at 400mm centres to Structural Engineers design drawings and specification, with a breather membrane lapped over timber/tiling fillet at the eaves into gutters, with 25mm x 38mm timber slat battens to BS 5534:2014 and slate roof finish. Slate roof finish to match existing and to be 600mm x 300mm with a 200mm headlap in accordance with BS5534: 2003



Light well to include stainless steel grille over to permit light and ventilation through changing room windows. Grille to be supported in accordance with Structural Engineers drawings and specification. Light well to incorporate drainage and permit access for clearing debris

CHANGING ROOM/SHOWERS 01
tile floor finish

STORAGE
screed floor finish

430mm² x 220mm deep Vesqueen radon sump or similar and approved to be positioned beneath the concrete floor slab, ensuring that any fill used beneath the slab does not contain excessive fines. 110mm PVCu pipe to be connected to radon sump and extended horizontally through the external wall, ensuring all joints and couplings are airtight and pipe is backfilled with clean permeable material without excessive fines. The pipe to be terminated just below the ground level and capped 100mm away from the face of the external wall and clearly identified

A land drain is to be installed behind the existing retaining wall to the Structural Engineers details and specification

600mm wide concrete step foundations to Structural Engineers drawings and specification

New 75mm floor screed on 100mm Kingspan Kooltherm K103 Floorboard insulation achieving a U-value of 0.15W/m²K (0.22W/m²K is the minimum U-value target which can be achieved using 60mm Kingspan Kooltherm K103 Floorboard insulation and is to be agreed with Building Inspector) on Vesqueen High Performance Radon membrane or similar approved methane and radon resistant DPM with taped gas proof joints laid over partially suspended/ground bearing 150mm reinforced concrete slab to Structural Engineers drawings and specification on 50mm sand blinding and 150mm well compacted hardcore

Dimensions to structural base. Do not scale from drawings. Please report any discrepancies to the architect. Any existing structure to be retained to sustain additional loads or changes in load conditions to be assessed and assessed for adequacy and repaired or replaced where necessary. Contractor or person responsible for project to make thorough check of site and drainage and contact Building Control prior to commencement of any building work. Structural calculations to take precedence over notes and draw information and depth of foundations, if applicable, are to be agreed with the Building Inspector.

CDM Regulations 2015 will apply and the Principal Contractor will need to prepare a construction phase plan before any project starts on site, and who will plan, manage, monitor and co-ordinate the health and safety aspect of your project during the construction phase. The CDM Regulations may require construction work to be notified to The Health and Safety Executive by completing an F10 form. Notification will be required if the construction project lasts longer than 30 days with more than 20 workers working at the same time, or involving 500 person days of work.

CDM REGULATIONS 2015

The CDM Regulations are to do with minimising and designing out risk in the construction, demolition and maintenance of buildings and is enforced by the Health and Safety Executive (HSE). Prior to 2015 these regulations previously did not apply to domestic clients who were carrying out work on their home and only applied to commercial projects. Now, a domestic client having construction work carried out on their home will have to comply with the CDM Regulations and will also have certain legal duties. For more information visit <http://www.hse.gov.uk/construction/index.htm>.

THE ROLES AND RESPONSIBILITIES OF THE PRINCIPAL CONTRACTOR

Contractors appointed by the client to coordinate the construction phase of a project where it involves more than one contractor.

- Ensure that health and safety in the construction phase of a project is planned, managed, monitored and coordinated
- Ensure liaison between the client and principal designer
- Ensure the preparation of the construction phase plan
- Ensure the organising and cooperation between contractors and coordinating their work
- Ensure suitable site inductions are provided
- Ensure reasonable steps are taken to prevent unauthorised access
- Ensure workers are consulted and engaged in securing their health and safety
- Ensure welfare facilities are provided

The Principal Contractor is to ensure the preparation of the Construction Phase Plan, which needs to be sufficient to start construction on site and set out the initial stages of a project.

The Client and the Principal Contractor are to ensure adequate welfare facilities are provided on site and maintained in accordance with HSE CDM Regulations 2015 - Schedule 2 - Minimum Welfare Facilities Required for Construction Sites P.63-65.

The Principal Contractor is to provide site security that is appropriate to the construction and have emergency procedures in place and ensure that they work.

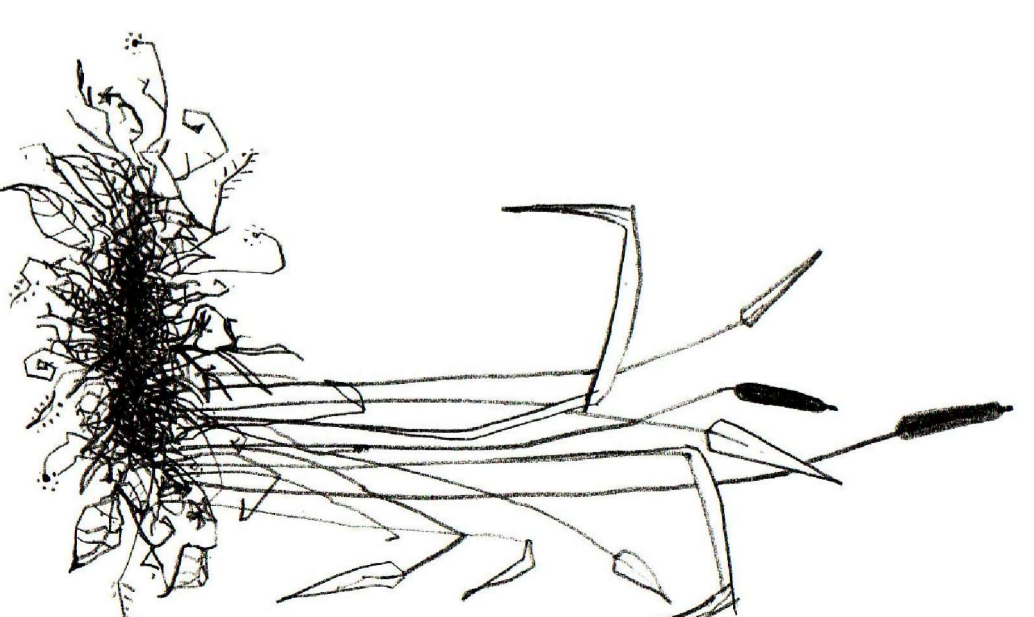
The Client and the Principal Contractor are to ensure that the health and safety principles set out in the regulations are followed on the construction site in accordance with HSE CDM Regulations 2015 - Part 4 - General Requirements for all Construction Sites P.50-56.

In accordance with the CDM Regulations the proposed work may need to be notified to The Health and Safety Executive by the Client by completing an F10 form. Notification will be required if the construction project, lasts longer than 30 days with more than 20 workers, working at the same time, or involving 500 person days of work.

HAZARD IDENTIFICATION LIST

Are there any unique hazards? (Not including foreseeable risks that any competent contractor would be able to identify and be aware of).

Unique Site Hazards:	Relatively exposed site may be prone to strong gales
Unique Design Hazards:	Public building site and proposed building close to site car park
Unique Construction Hazards:	Creation of roof space
How Will They be Addressed:	Analysis of building site used and analysis of site health and safety



PROPOSED SECTION B-B SCALE: 1:50 @ A2

PROPOSED SECTION B-B SCALE: 1:50 @ A2
RECREATION GROUND, MODBURY, DEVON, PL21 0FS REF: 011/MAR/BR05 DATE: 24/01/18

NEST DESIGN
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