

**NOTES**

DRAWING TO BE READ IN CONJUNCTION WITH SPECIFICATIONS AND ENGINEERS DRAWINGS.  
 ALL DIMENSIONS ARE IN MILLIMETRES.  
 ALL DRAINAGE TO BE TO SATISFACTION OF LOCAL AUTHORITY.  
 ALL ELECTRICAL WORK TO COMPLY WITH I.E.E REGULATIONS 18th EDITION.  
 ALL ELECTRICAL WORK TO COMPLY WITH B.S. 7671 :2018.  
 ALL DIMENSIONS TO BE VERIFIED BY CONTRACTOR ON SITE PRIOR TO FABRICATION OR ERECTION.  
 ANY DISCREPANCIES ON THIS DRAWING OR BETWEEN DRAWINGS SHOULD BE REPORTED TO THE ARCHITECT AND CLARIFICATION REQUESTED PRIOR TO PROCEEDING WITH WORK.

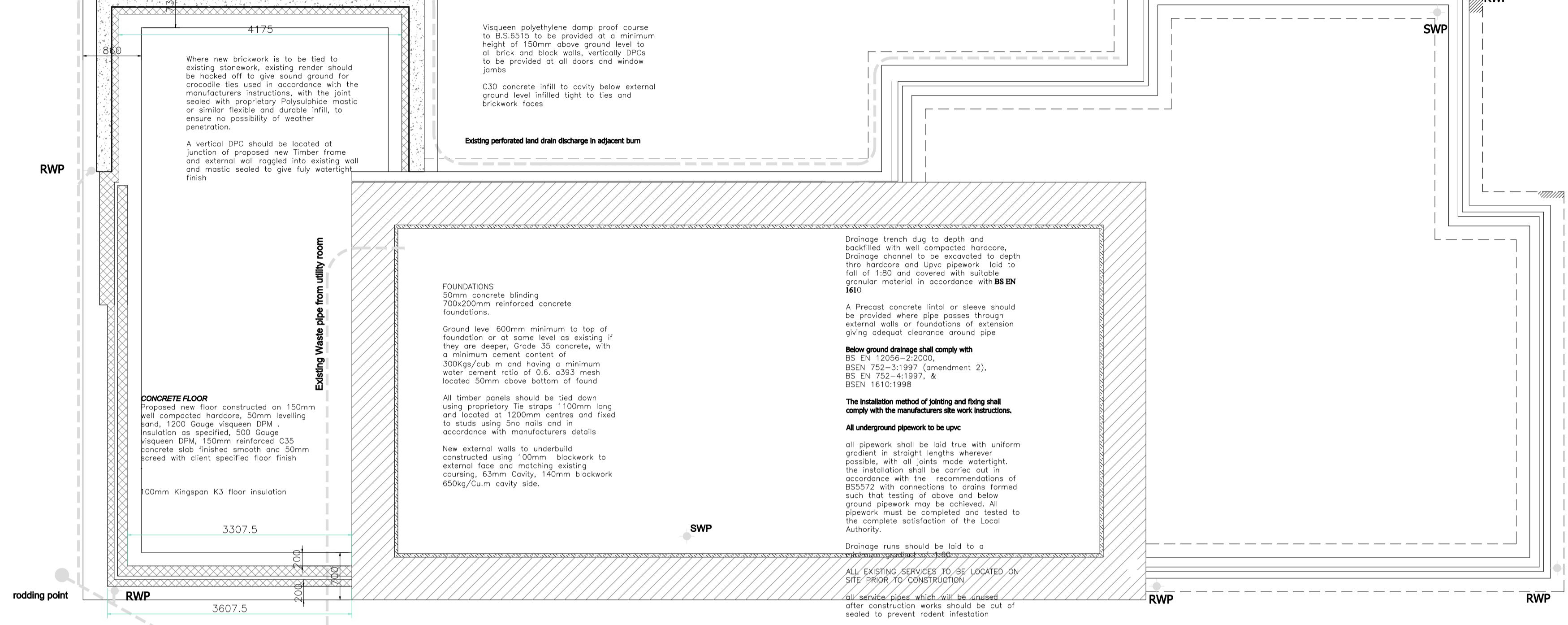
The contractor must note that prior to the start of site operations covered by a Building Warrant they should ensure that the required Start Notice has been issued by either the Architect or the Employer, and at the stages of formation of the foundations and open track drains test the Department of Building Standards must be informed to allow any necessary inspection.

The contractor must note that even if the works are not F10 notifiable to the Health and Safety Executive all work must be completed in accordance with all current Health and Safety Regulations and Recommendations C.D.M. Guidance

- Working at Height**  
 Use scaffolding, towers or work platforms.  
 Reduce use of ladders.  
 Form staircases as early in construction as possible.  
 Identify risks from fragile materials.  
 Guard openings with railings to prevent falls.
- Risk Controls**  
 Reduce use of noisy and high vibration equipment.  
 Control dust generation and use dust extraction.  
 Control use of hazardous materials.  
 Provide mechanical handling for heavy materials.  
 Remove debris and surplus materials regularly.  
 Store materials in an orderly manner.  
 Avoid trailing cables and leads, loose materials.  
 Keep walkways and platforms as clear as possible.  
 Provide adequate lighting natural or artificial.
- Site Management**  
 Ensure a competent, trained person controls site.  
 Provide adequate training, P.P.E. and risk assessments.  
 Check sub-contractors risk assessments and method statements.  
 Ensure safety of the public especially children.  
 Control site access at all times.  
 Control vehicular movement into and around site.  
 Provide guidance on fire risk and escape measures.  
 DO NOT SCALE THIS DRAWING.

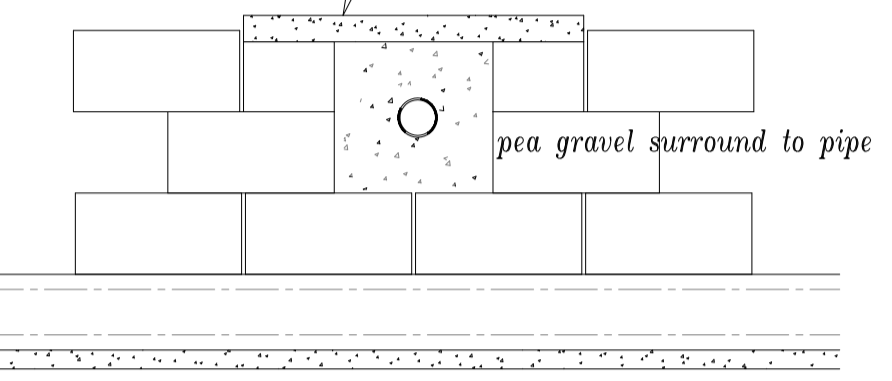
before construction work commences, unsuitable material including turf, vegetable matter, wood, roots and topsoil should be removed from the ground to be covered by the building, and the ground immediately adjoining the building, to a depth of at least that which will prevent later growth that could damage the building. The term 'ground immediately adjoining' is intended to cover ground that is disturbed as a direct result of the works.

The ground (prepared area within the retaining walls of a building) should be treated to prevent vegetable growth and reduce the evaporation of moisture from the ground to the inner surface of any part of a dwelling that it could damage.

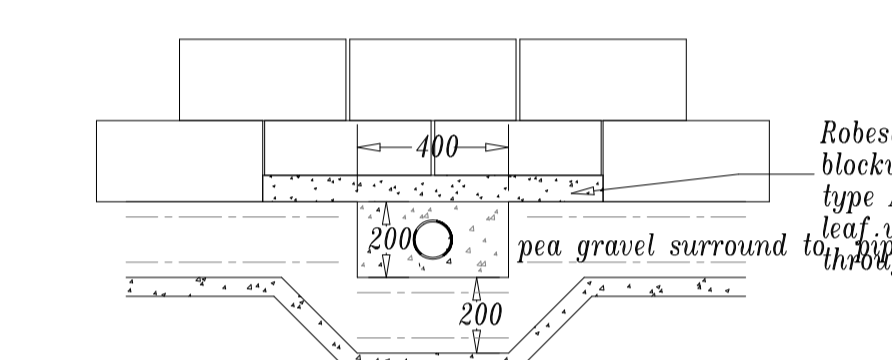


**1:50 FOUNDATION FLOOR PLAN AS PROPOSED**

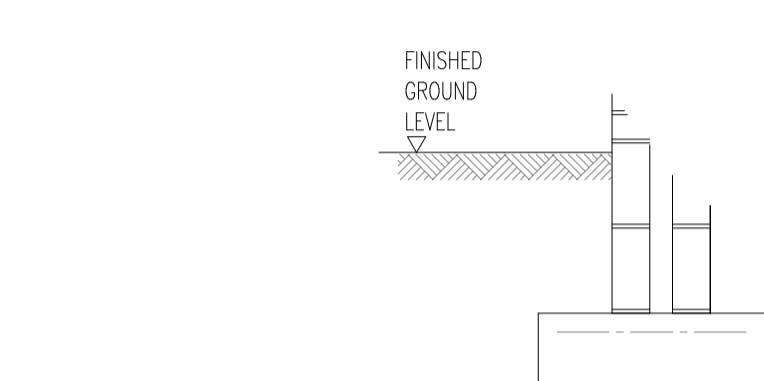
Robeslee type B lintel to 140mm blockwork leaf and Robeslee type A lintel to 100mm blockwork leaf where drainage passes through.



**Typical detail: Option 1  
Drain Located above foundation (1:20)**



**Typical detail: Option 2  
Drain Located on line of foundation (1:20)**



**Typical Detail:  
Drain running parallel with foundation (1:20)**

**TYPICAL DRAINAGE DETAILS**  
 NOTE - WHERE A DRAINAGE PIPE RUNS PARALLEL TO A RC STRIP FOUNDATION AND IS WITHIN THE 45° ZONE OF INFLUENCE LINE FROM THE BOTTOM EDGE OF THE FOUNDATION IT SHOULD HAVE 150mm CONCRETE ENCASEMENT OVER ITS AFFECTED LENGTH.

- ELECTRICAL SCHEDULE**
- EX External wall mounted light fitting (plr)
  - W wall mounted light fitting (plr)
  - CC ceiling mounted light fitting to client spec
  - S1 Surface mounted light fitting to client spec
  - SW twin socket at high level
  - SL twin socket at low level
  - S.D. smoke / heat detector
  - OP Optical smoke alarm
  - CO Carbon Monoxide detector
  - CU cooker control unit
  - HL high level switch low level socket
  - ME mechanical extract
  - TR towel rail
  - EMB / DB electric meter and distribution board

ON COMPLETION OF THE ELECTRICAL FIT OUT  
 A FULLY QUALIFIED SELECT OR INDEX ELECTRICIAN SHOULD PROVIDE CERTIFICATION FOR THE INSTALLATION

All new electrical work to comply with the latest IEE regulations and BS 7671: 2008 as amended.

ALL ELECTRICAL SOCKET AND LIGHTING POSITIONS TO HAVE FINAL AGREEMENT WITH CLIENT ON SITE PRIOR TO CONSTRUCTION.

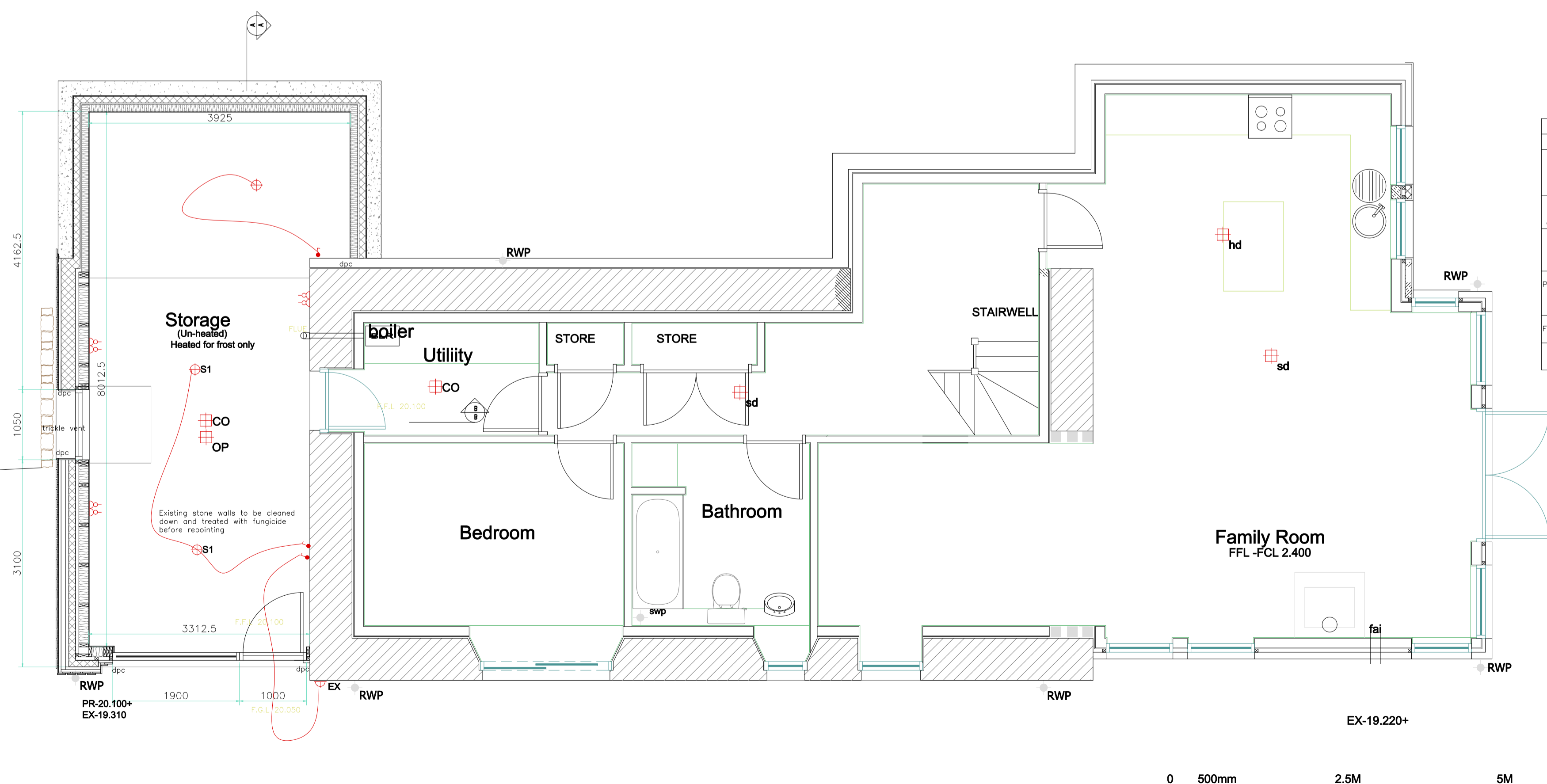
Outlets and controls of electrical fixtures and systems and should be positioned at least 300mm from any internal corner, projecting wall or similar obstruction and not more than 1.2m above floor level. This would include fixtures such as sockets, switches, fire alarm call points and timer controls or 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 sockets outlets and outlets for other services such as telephone or television should be positioned at least 400mm above floor level. Above and obstruction, such as a worktop, fixtures should be at least 150mm 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.

**LIGHTING**  
 A minimum of 75% of the fixed light fittings and lamps installed in a dwelling should be low energy type.  
 The fittings may be either:  
 ? dedicated fittings which will have a separate control gear and will only take fluorescent lamps (pin based lamps); or  
 ? fittings including lamps with integrated control gear (bayonet or Edison screw base lamps).  
 e.g. tubular fluorescent and compact fluorescent fittings (CFLs) with luminous efficacy at least 40 lumens/circuit watt.



**1:50 GROUND FLOOR PLAN AS PROPOSED**

**STORAGE ROOM :**

**TABLE OF U - VALUES**

ELEMENT	REQUIRED	PROVIDED	INSULATION
FLOOR p/o 0.62 AREA 27.6sq m PERIMETER 17.2m		0.16 W/m2K	100mm Kingspan Kooltherm K103
EXTERNAL WALL 1 TIMBER FRAME at retaining wall	0.26W/m2K	0.26W/m2K	100mm Kingspan Kooltherm K118 25mm cavity 100mm Blockwork wall with concrete retaining wall
EXTERNAL WALL 2 TIMBER FRAME	0.20 W/m2K	0.20 W/m2K	120mm Kingspan Kooltherm K112 VC foil TF200 Thermo breather membrane
PITCHED ROOF	0.18 W/m2K	0.18 W/m2K	Metal profiled sheeting 50mm ventilation space 60mm Frametherm Earthwool insulation 100mm Kingspan Kooltherm K107
FLAT ROOF	0.16 W/m2K	0.16 W/m2K	Sarnafil layer 130mm Thermatch TR26 insulation
WINDOWS AND DOOR OPENINGS	1.4 W/m2K	1.4 W/m2K	

- FOR DISCUSSION
- BUILDING WARRANT
- DRAFT
- TENDER
- PLANNING
- CONSTRUCTION

DATE	DESCRIPTION	REVISION



CLIENT  
**Miss. KATE STOCKWELL**

PROJECT  
 PROPOSED SIDE EXTENSION TO FORM STORE  
 THE MILL HOUSE  
 THORNHILL, FK8 3QJ

DRAWING  
**PLANS AS PROPOSED**

DATE	DRAWN BY	SCALE
NOVEMBER 2023		AS SHOWN

DRAWING N. **A2327D/02** REVISION