

Wall Legend

Cavity Wall - Brick - Type A

- 102 Sore Facing Brick
- 220mm Full Fat Levy
- 2 layers of Board Cement (30-125mm)
- 102mm Full Fat Levy
- 140mm Thin Joint Masonry
- 10mm Paver Coat
- 22mm DSI & Dab
- 22mm Sore coat

(Min. U Value of 0.11W/M2K)

Cavity Wall - Engineering Brick - Type B

- 102 Sore Engineering Brick
- 220mm Full Fat Levy
- 2 layers of Board Cement (30-125mm)
- 102mm Full Fat Levy
- 140mm Thin Joint Masonry
- 10mm Paver Coat
- 22mm DSI & Dab
- 22mm Sore coat

(Min. U Value of 0.11W/M2K)

Cavity Wall - Retaining - Type C

- 100mm Blockwork
- 22mm Full Fat Levy
- 2 layers of Board Cement (30-125mm)
- 140mm Thin Joint Masonry
- 10mm Paver Coat
- 22mm DSI & Dab
- 22mm Sore coat

General Note: Wall type to be confirmed by Structural Engineer

Internal - Thin Joint Masonry Wall - Type D

- 22mm Sore coat
- 22mm Full Fat Levy
- 2 layers of Board Cement (30-125mm)
- 140mm Thin Joint Masonry
- 10mm Paver Coat
- 22mm DSI & Dab
- 22mm Sore coat

Internal - Timber Wall Make up - Type E

- 22mm Sore coat
- 22mm Full Fat Levy
- 2 layers of Board Cement (30-125mm)
- 140mm Thin Joint Masonry
- 10mm Paver Coat
- 22mm DSI & Dab
- 22mm Sore coat

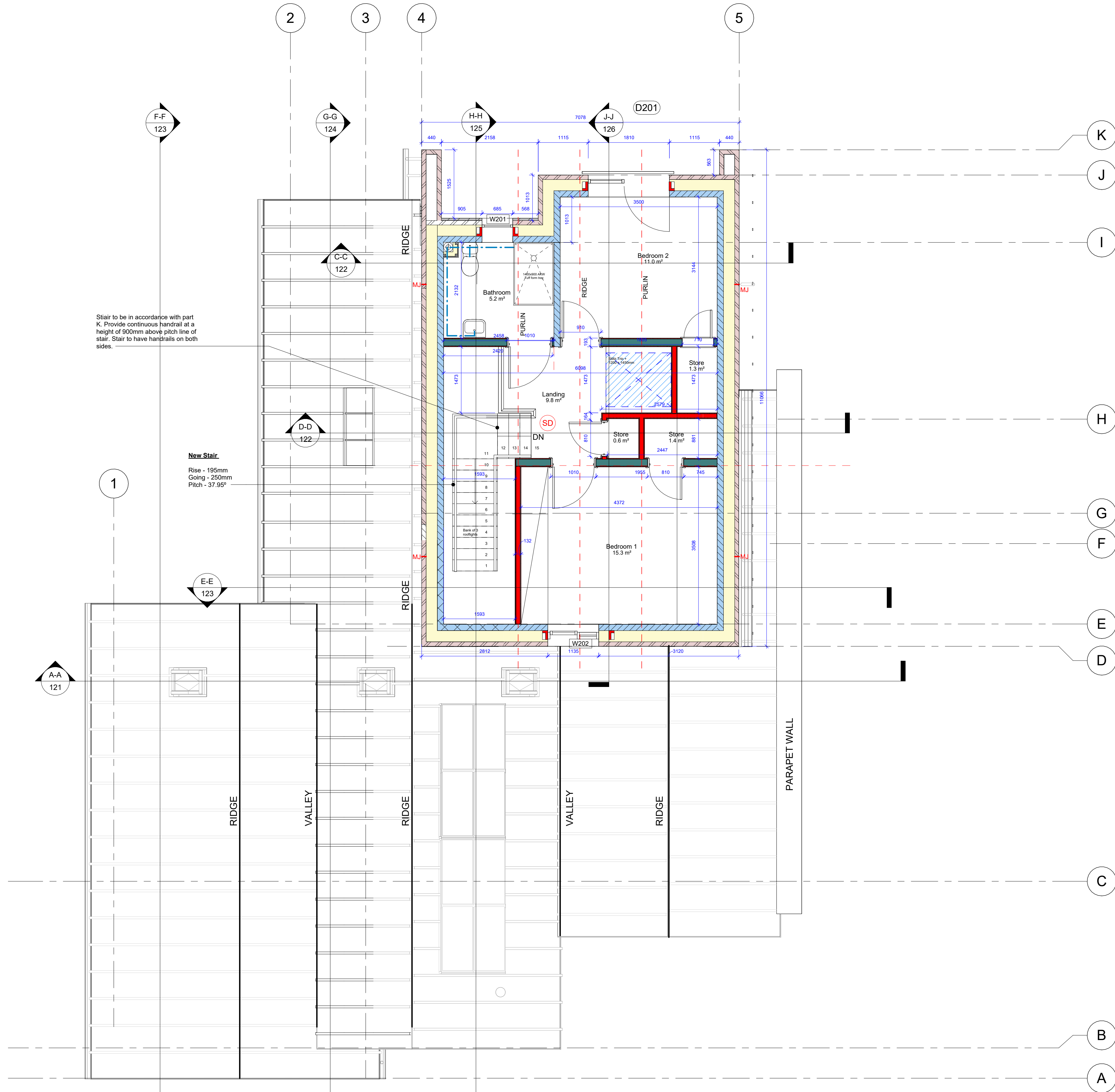
Internal - Timber Wall Make up - Type F

- 22mm Sore coat
- 22mm Full Fat Levy
- 2 layers of Board Cement (30-125mm)
- 140mm Thin Joint Masonry
- 10mm Paver Coat
- 22mm DSI & Dab
- 22mm Sore coat

Retaining Lining System - Type A

- 102mm Knapen #103 Insulation R0.019
- 22mm Full Fat Levy
- 2 layers of Board Cement (30-125mm)
- 140mm Thin Joint Masonry
- 10mm Paver Coat
- 22mm DSI & Dab
- 22mm Sore coat

General Note: Moisture Resistant Plyboard to be used in wet areas Bathrooms, En-suits, WCs



First Floor

Risk Anaylsis CDM 2015

Red List - High Risk

These are examples of hazardous procedures, products and processes that should be eliminated from the project where possible.

- Lack of adequate pre-construction information, e.g. asbestos surveys, geology, obstructions, services, ground contamination, etc.
- Hard scabbling of concrete ('top ends', etc.)
- Demolition by hand-held breakers of the top sections of concrete piles (pile capping techniques are available)
- The specification of fragile roof-lights and roofing assemblies;
- Process going live to large quantities of dust (dry cutting, blasting etc.)
- The specification of structural steelwork which is not purposely designed to accommodate safety nets;
- Designing roof mounted services (e.g. air conditioning, for maintenance, etc.), without provision for safe access (e.g. barriers)
- Glazing that cannot be accessed safely, so all glazing should be anticipated and replaced during cleaning and replacement, so a safety system of access is essential
- Entrances, floors, ramps, stairs and escalators. Etc. not specifically designed to avoid slips and trips during use and maintenance, incl. effect of rain water and debris on slipages;
- Designs of structures that do not allow for fire containment during construction.

Amber List - Medium Risk

Risks to be assessed by the Principal Contractor & subcontractors etc.. Pr
statements & risk assessments.

- Internal manholes/inpection chambers in circulation areas;
- External manholes in use heavy used access zones;
- The specification of heavy building blocks i.e., those weighing >20kg;
- Large and heavy glass panels;
- The chasing out of concrete / brick / block walls or floors for the installation of manholes;
- The specification of heavy lintels (the use of slim metals or hollow concrete alternatives);
- The specification of solvent-based paints and thinners, or isocyanates, p. use in confined areas;
- Site traffic routes that do not allow for one way systems and/or vehicular segregation from site personnel;
- Site layout or constraints that do not allow for adequate room for delivery of materials, including structural components;
- Heavy construction components which cannot be handled using mechanical devices (because of access restrictions / floor loadings etc);
- Using tools

Green List - Low Risk or other specialists / consultants required

Green List - Products processes or procedures to be positively encouraged

- Adequate access for construction vehicles to minimise reversing requirements (one-way systems and turning radii);
- Provision of adequate access and headroom for maintenance in plant and adequate provision for replacing heavy components;
- Thoughtful location of mechanical / electrical equipment, lifting fittings, etc. designed to facilitate access and away from crowded areas;
- The specification of concrete products with pre-cast fixings to avoid drilling;
- Use half board sizes for plasterboard sheets to make handling easier;
- Practical safe methods of window cleaning (e.g., from the inside or telescopic system);
- Appointment of a temporary Works Coordinator (BS 5975);
- Off site fabrication and prefabricated elements to minimise on site hazards;
- Encourage the use of engineering controls to minimise the use of Personal Protective Equipment;
- Appointment of Structural Engineer Req;
- Assessment of the method of installation, working platforms, scaffold etc.

CDM 2015 - Design Risks & Comments

The design of the spaces which fit generally within the building envelope and the assessment of the existing building (where known or as specified by JPH Architects Ltd) in use of materials, techniques and systems that are common in construction and would be easily recognised by experienced and competent contractors.

The form of construction & materials specified on the drawings within the NBS Project Specification prefixed with 101, are those which are common throughout the industry.

The principal contractor is to Plan, Manage & Monitor the Construction phase including all H&S issues. All routine construction activities should be risk assessed and the Contractor must ensure those engaged to carry out the work are capable of doing so i.e.;

- Competent & adequately resourced
- effective, preventative and protective measures are in place to control the risks;
- the right plant, equipment and tools are provided to carry out the work involved.
- unauthorised access to the site is prevented
- suitable and sufficient welfare facilities are available
- suitable site inductions are provided...
- risk assessments and method statements are produced, reviewed, conveyed & understood by all persons carrying out those activities.

PRELIMINARY

Building Regulations Pack

[illegible]

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PROJECT: **New Replacement Residential Development**

First Floor Plan

DRAWING NUMBER:

2721-JPH-XX-00-DR-A-112

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DATE: 10.11.23	STATUS: S2
SCALE: As indicated @ A1	PURPOSE OF ISSUE: Building Regulations