

Proposed Basement GA Section [Through Utility] 1:25 @ A3

Proposed Ceiling Waterproofing Detail

1:10

floors below ground to be assessed for structural adequacy by a structural engineer any structural remedial works to be undertaken in strict accordance with structural engineers

Koster Polsil TG500 Anti Lime coating applied to face of existing building fabric. To be installed to specialist waterproofing contractor/suppliers details and specification

Delta MS 500 [8mm] high density polyethylene cavity drainage membrane fixed to internal face of wall/ceiling structure using Delta Plugs/gwik seal plugs. To be installed to specialist waterproofing contractor/suppliers details and specification. To be installed to curved profile in utility ceiling.

Install 50x75mm vertical treated timber battens at 400mm centres to specialist waterproofing manufacturers installation details. Battens fixed to existing wall using screws into delta plugs. Use Delta plugs driven home with adhesive rope to seal plug back to membrane as per manufacturers details. Install 50mm PIR insulation [to contractors specification] between battens allowing for 25mm notional void behind insulation for

100mmx50mm drainage

Anti Lime coating and

20mm aggregate

drainage channel inserted

12.5mm Plasterboard with 3mm painted plaster skim finish. plasterboard to be faceted or scored to achieve curved finish in

Allow for 20mm limestone flooring to interior designers spec. Flooring to be suitable for boarded UFH system and to Interior Designers specification. Layout and orientation of tiles to Interior Designers specification/design. +100-Delta corner strip installed at corner junction [Shown pink] Dashed line indicates existing Delta MS500 membrane to continue to base of drainage channel to room perimeter[s] Channel to lead to sump pit. Channel to be recessed into existing floor. Channel to be coated in Koster Polsil TG500 Proposed Floor Waterproofing Detail channel to be backfilled with 1:10 @ A3 1:10 * Detail as per Delta Membrane systems drawing DW-257-1-C [Delta Cavity Drain]

Supply and install 15mm nu-heat lo-pro10 UFH system or similar approved. Install any required underlays or membranes to manufactueers nstallation details and requirements.

Prime LoPro10 boards with Schnellgrund primer then lay a decoupling layer over continuous bed of flexible tile adhesive followed by another layer of flexible adhesive as per manufacturers installation

Supply and install 18mm T&G chipboard over

Supply and install 6mm Insulation Board to

Delta MS20 [20mm] high density polyethylene cavity drainage membrane fixed to internal face of floor structure using Delta Plugs/qwik seal plugs. To be installed to specialist waterproofing contractor/suppliers details and specification

Koster Polsil TG500 Anti Lime coating applied to face of existing building fabric. To be installed to specialist waterproofing contractor/suppliers details and specification

The existing solid floor slab must be checked for stability and be free from defects as required by Building Control. Following breaking out of required floor, all uneven solid floors to be levelled using a self levelling compound.



Existing Built Fabric

UPGRADING EXISTING UTILITY/PANTRY FLOOR The existing floor must be checked for stability and be free from defects as required by **Building Control**

Remove existing 20mm tiling and 10mm tile bed to reveal solid floor. Floor to be assessed for structural adequacy by a structural engineer. Floor to be checked for stability and cleared before being levelled using a self-levelling screed/compound. Concrete surfaces to be pre-treated with Cementseal Primer. Existing floors to be treated with Koster Poisil TG500 Anti Lime coating. Existing structure which is to be excavated is to be inspected for condition after making good. Install DeltaMS20 [20mm] high density polyethylene cavity drainage membrane to specialist waterproofing contractor/suppliers details and specification. MS20 membranes to be laid out 'domes down' over the floor, with an overlap of two interlocking domes. No fixings to go through the floor membrane. Install 6mm insulation board to contractors specification. Install 18mm tongue and groove softwood boards or moisture resistant particle/chipboard grade type C4 to BS EN 312:2010 as required. Install Nu-heat 15mm Lo-Pro10 UFH system to specialist manufacturers details and requirements.

Pre-grooved boards to be set out to brick bond pattern. For limestone/tile finish, prime LoPro10 boards with Schnellgrund primer then lay a decoupling layer over continuous bed of flexible tile adhesive followed by another layer of flexible adhesive as per manufacturers installation guidance. Fix 20mm limestone tiles to Interior Designers specification to adhesive. Layout and orientation to Interior Designers specification/design.

PARTY WALL ACT

The owner, should they need to do so under the requirements of the Party Wall Act 1996, has a duty to serve a Party Structure Notice on any adjoining owner if building work on, to or near an existing Party Wall involves any of the following:

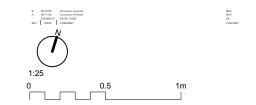
- Support of beam Insertion of DPC through wall
- Raising a wall or cutting off projections
- · Demolition and rebuilding
- Underpinning
 Insertion of lead flashings

 Excavations within 3 metres of an existing structure where the new foundations will go deeper than adjoining foundations, or within 6 metres of an existing structure where the new foundations are within a 45 degree line of the adjoining foundations. A Party Wall Agreement is to be in place prior to start of works on site.

NOTES:

All products to be installed in strict accordance with specialist waterproofing contractor/suppliers det specification and installation guidance.

All works are subject to Listed Building Consent and not to





LISTED BUILDING CONSENT APPLICATION

MR AND MRS BANKS

- ss. rawings to be approved by Beckmann Architecture before work comme to be in accordance with relevant British Standards, manufacturer's rec

BECKMANN ARCHITECTURE

CONSTRUCTION AND PROPERTY DEVELOPMENT