

General Internal Suspended Ceiling (Newbuild):

British Gypsum Casoline MF ceiling system finished with 1 no. 12.5mm Wallboard in 'dry areas' and 12.5mm moisture resistant wallboard in 'wet areas'. Gyproframe MF8 strap hangers to be fixed to u/s of concrete soffit with Gyproframe M12 soffit clamps. Proprietary primary and secondary support grids to be provided at centres in accordance with manufacturers standard details. All perimeter channels etc. to be provided in accordance with manufacturers standard details. All joints to be taped and jointed, giving a smooth and seamless finish, ready for decoration.

	REVISION	DR'N	CH'KD	DATE
C1	Issued for Construction	KrC/NV	TW	31/01/2017

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PROJECT
KIDDERPORE AVENUE

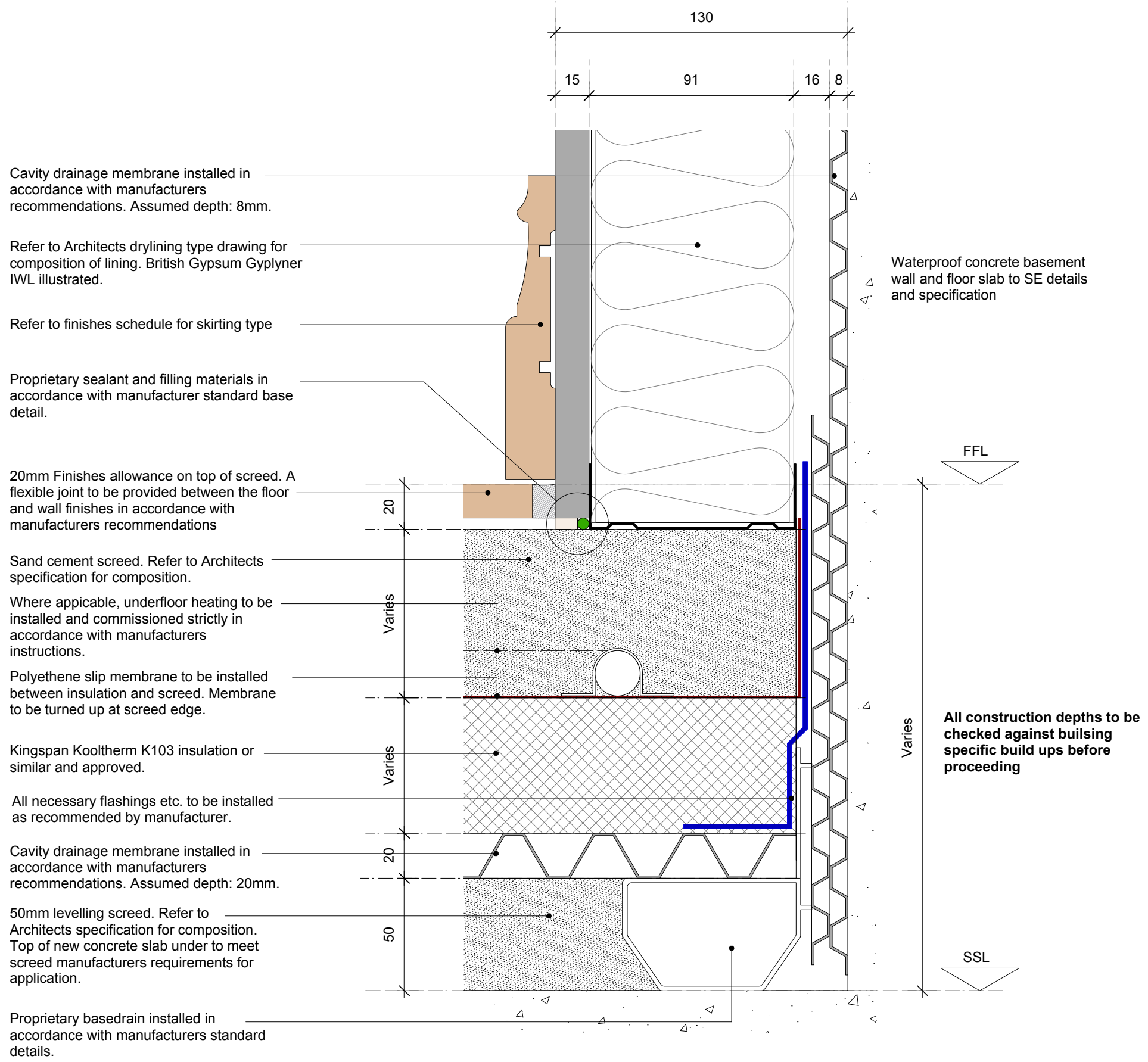
DRAWING
Bay House
Level LG Proposed GA Plan

DRAWING No.

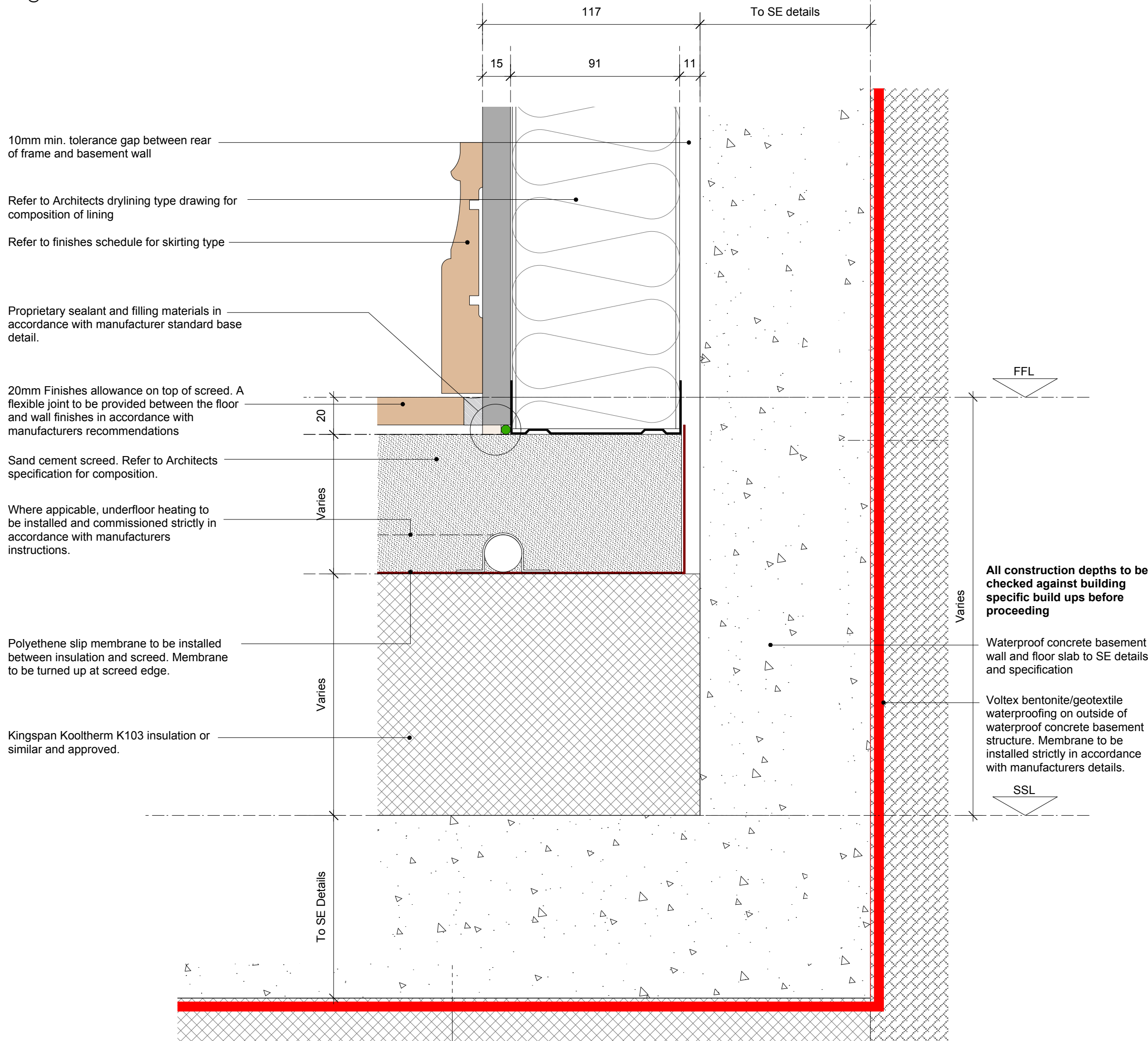
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9000-DRG-03BH-LG010

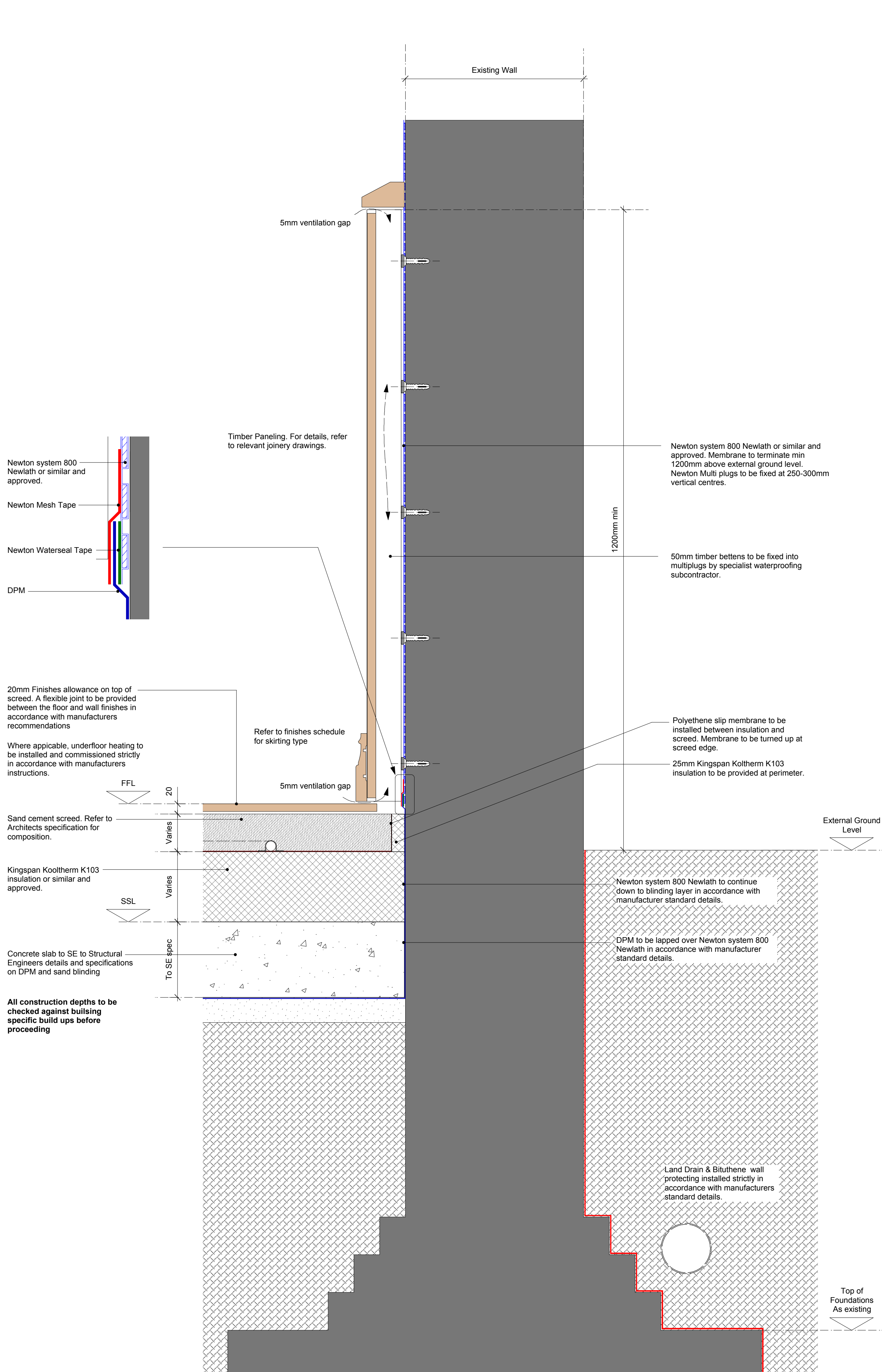
A & Q PARTNERSHIP (LONDON) LTD
THE LUX BUILDING, 2-4 HOXTON SQUARE, LONDON N1 6NU
Tel: 020 7613 2244 Fax: 020 7613 2642 Email: london@aqp.co.uk
ARCHITECTURE DESIGN MASTERPLANNING INTERIORS



Detail 1: Typical Drained Cavity Perimeter Floor / Wall Junction
1:2 @ A1



Detail 2: Typical Waterproof Concrete & Geotextile Protected Perimeter Floor / Wall Junction
1:2 @ A1



Detail 3: Typical Existing Wall Above Ground Detail Without DPC
1:5 @ A1

0 10 50 100mm
DIMENSION AT ORIGINAL SHEET SIZE
Contractors must check all dimensions on site. Only figured dimensions are to be worked from. Discrepancies must be reported to the Architect before proceeding. © This drawing is Copyright

Notes:

ALL DETAILS AND SPECIFICATIONS RELATING TO THE CAVITY DRAINED WATERPROOFING AND ASSOCIATED COMPONENTS ARE TO BE DESIGNED BY THE SPECIALIST SUBCONTRACTOR **PRIOR** TO ORDER AND INSTALLATION.

1. ALL existing constructions, structure, build ups etc are to be confirmed on site **PRIOR** to proceeding with the work.
2. This drawing is to be read in conjunction with all relevant Architect GA drawings and specifications.
3. This drawing is to be read in conjunction with all relevant drawings and specifications produced by the structural engineer and M&E consultant.
4. This drawing is to be read in conjunction with the relevant fabric survey produced by ESG.
5. This drawing is to be read in conjunction with the relevant condition investigation report produced by Hutton & Rostron.

PRELIMINARY

REVISION	DRN	CHKD	DATE
P1 Preliminary Issue	ST	TW	18.11.16

A&Q
PARTNERSHIP

CLIENT
MOUNT ANVIL LTD



PROJECT
KIDDERPORE AVENUE

DRAWING
Generally Applicable
Typical Basement Floor Details

SCALE	1:5 @ A1	DATE
		Nov 2016
DRAWING No.	DRAWN BY	
15 230	ST	
9000-DRG-00GN-DE043	REVISION	P1

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KIDDERPORE AVENUE • LONDON NW3

DAMP PROOFING EXISTING WALLS BELOW GROUND

BS 8102 defines three forms of waterproofing protection. Type **A**, barrier protection (commonly referred to as ‘tanking’), Type **B**, structurally integrated protection, and Type **C**, drained protection.

The existing below ground walls have no tanking that we are aware of, nor any structurally integrated protection other than the inherent performance of the existing brickwork. It is therefore proposed to use Drained Protection Type **C**. Here the structure limits water penetration, while an internal drainage system collects and removes any water ingress.

There are three elements to this proposal:

- A drainage channel detail concealed within the floor construction.
- A sump pump system that removes any water to drain.
- A vapour barrier drainage membrane both vertically and horizontally linked to the drainage channel, to isolate the internal environment from the damp substrates.

The attached specification sets out the requirements for a Specialist Contractor, yet to be appointed, utilising an accredited Damp Proofing System, such as Newton or similar approved.

J40 FLEXIBLE SHEET WATERPROOFING/ DAMP PROOFING

To be read with Preliminaries/ General conditions.

Specification to be verified by manufacturer PRIOR to order and installation.

TYPES OF TANKING/ DAMP PROOFING

290 HIGH DENSITY POLYETHYLENE/ POLYPROPYLENE STUDDED CAVITY DRAIN MEMBRANE TO BASEMENT FLOORS

- Substrate: 50mm fully bonded levelling screed on RC concrete slab.
 - Preparation: In accordance with membrane manufacturer's recommendations.
- Manufacturer: Newton Waterproofing Systems Ltd or similar and approved.
 - Product reference: Newton 520 (System 500) or similar and approved.
- Stud height: 20mm
- Colour: Brown
- Fixing: Floors: Loose laid with sealed joints.
 - Fasteners: n/a
 - Fixing centres: n/a
 - Sealing: In accordance with manufacturer's standard detail.
- Joints: Floor membrane to up-stand of basedrain perimeter drainage channel.
 - Sealing: Newton Overtape.
- Joints: Floor membrane to horizontal dpcs through internal /external walls.
 - Sealing: Newton Waterseal tape.
- Joints: Service penetrations through floor.
 - Sealing: If necessary, a patch of membrane or plain DPC is laid over and sealed to the service with Waterseal Rope, and around its perimeter with Waterseal Tape. **NB. Protrusions through the floor slab/raft should be avoided wherever possible as they create weaknesses that allow unnecessary water ingress.**
- Joints: Flanged joint
 - Sealing: Newton Waterseal tape. Min. flange cover: 70mm.
- Joints: Butted joint
 - Sealing: Newton Overtape. Min.150mm wide.
- Drainage components: Newton Basedrain & floordrain components, jointing tape and adapters to be provided as necessary.
Newton inspection port installed in accordance with manufacturer standard details.
- Accessories:
- Additional Requirements: Membrane to be installed by registered installers who are trained and certified by John Newton within the manufacturers NSBC scheme.
All joints, fixings and penetrations through the membrane are to be installed strictly in accordance with manufacturers standard details.

291 HIGH DENSITY POLYETHYLENE/ POLYPROPYLENE STUDDED CAVITY DRAIN MEMBRANE TO BASEMENT WALLS

- Substrate: 50mm fully bonded levelling screed on RC concrete slab.
 - Preparation: In accordance with membrane manufacturer's recommendations.
- Manufacturer: Newton Waterproofing Systems Ltd or similar and approved.
 - Product reference: Newton 508 (System 500) or similar and approved.
- Stud height: 8mm
- Colour: White
- Fixing: Walls: Mechanically fixed using proprietary plugs.
 - Fasteners: Newton MultiPlugs, Newton Helifix Ties and insulation restraint clips.
 - Fixing centres: In accordance with standard manufacturer fixing pattern.
 - Sealing: In accordance with manufacturer's standard detail.
- Joints: Flanged & stud into stud joints
 - Sealing: Newton Waterseal tape.

- Joints: Stud over stud joint
 - Sealing: Newton Overtape. Min.150mm wide.
- Drainage components: Newton Basedrain & floordrain components, jointing tape and adapters to be provided as necessary.
Newton inspection port installed in accordance with manufacturer standard details.
- Accessories:
- Additional Requirements: Membrane to be installed by registered installers who are trained and certified by John Newton within the manufacturers NSBC scheme.
All joints, fixings and penetrations through the membrane are to be installed strictly in accordance with manufacturers standard details.

WORKMANSHIP

310 WORKMANSHIP GENERALLY

- Condition of substrate:
 - Clean and even textured, free from voids and sharp protrusions.
 - Moisture content: Compatible with damp proofing/ tanking.
- Air and surface temperature: Do not apply sheets if below minimum recommended by membrane manufacturer.
- Condition of membrane at completion:
 - Neat, smooth and fully supported, dressed well into abutments and around intrusions.
 - Completely impervious and continuous.
 - Undamaged. Prevent puncturing during following work.
- Permanent overlying construction: Cover membrane as soon as possible.

320 INSPECTION

- Give notice: Before covering any part of membrane with overlying construction.

382 CAVITY DRAINAGE CHANNELS

- Manufacturer: Newton Waterproofing Systems Ltd or similar and approved.
 - Product reference: Newton Basedrain & floordrain components & sealing tape.

388 CAVITY DRAINAGE SUMPS WITH INTEGRAL PUMPS

- Manufacturer: Newton Waterproofing Systems Ltd or similar and approved.
 - Product reference: Newton Titan-Pro White
- Flow rate: To be confirmed by specialist.
- Pumping head (minimum): To be confirmed by specialist.
- Discharge pipe size: To be confirmed by specialist.