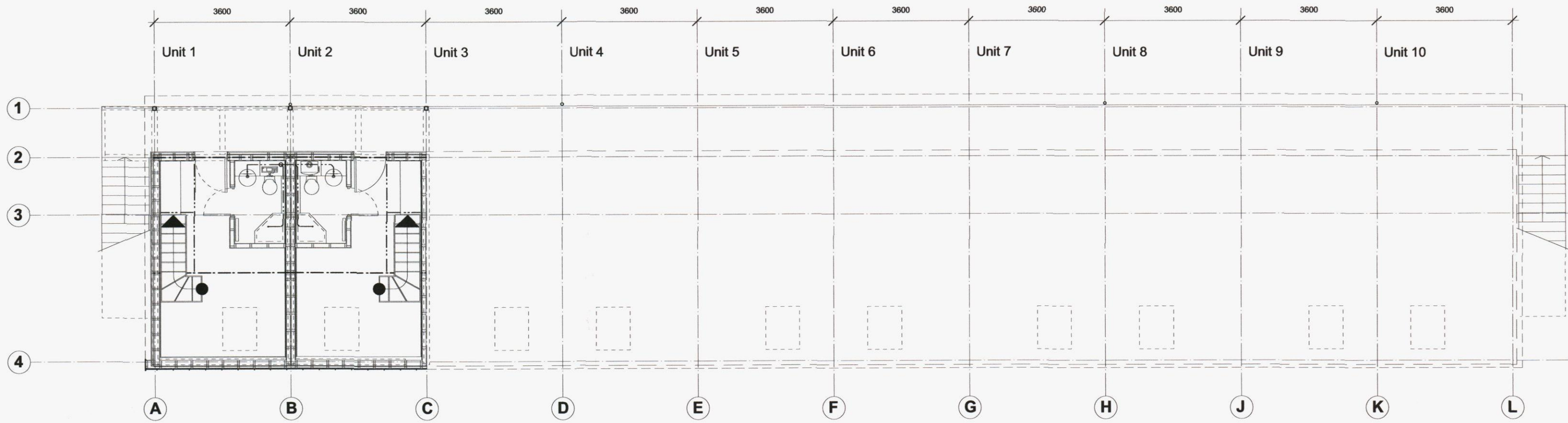
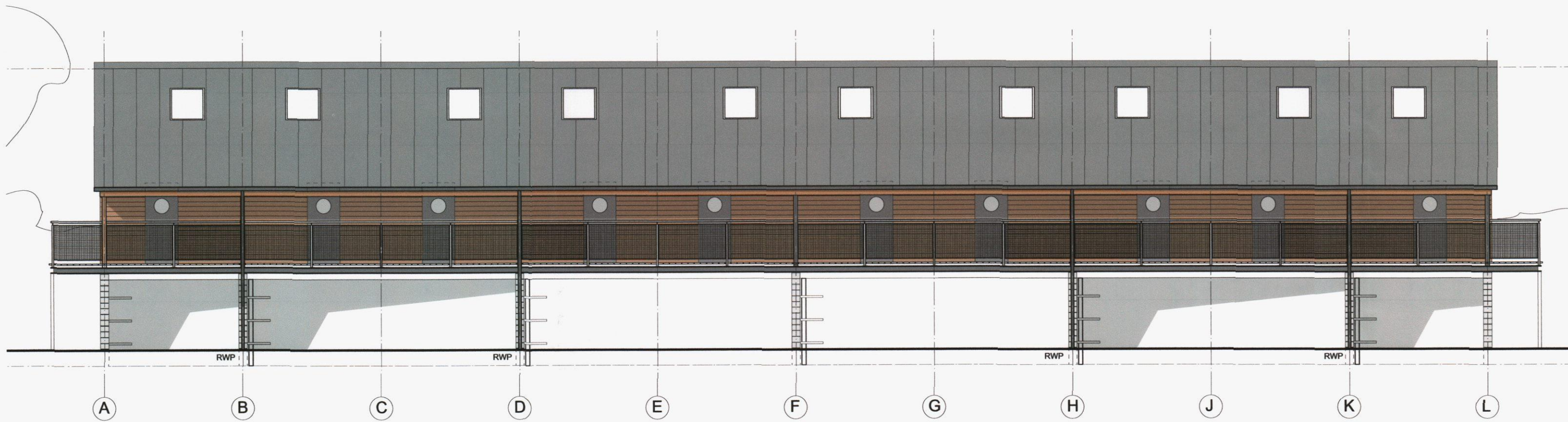
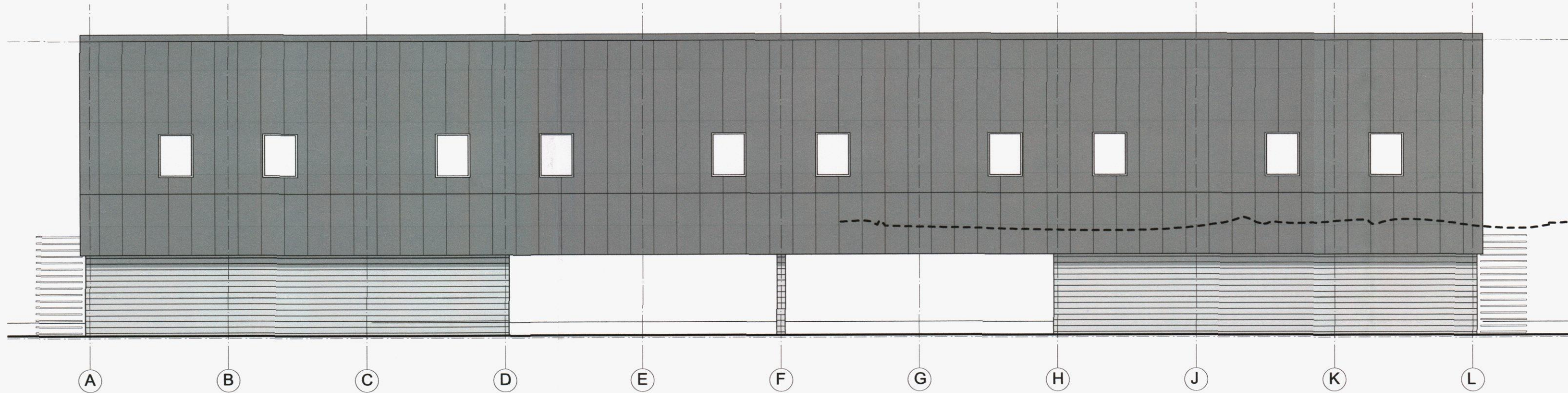




First Floor Plan
Scale 1:100



Front Elevation
Scale 1:100



Rear Elevation
Scale 1:100

Floors

Ground Floor
Well compacted permeable surface suitable for vehicular movement

First Floor
(U-Value Achieved: 0.13W/m2K)
Refer to SE details generally. 150mm PCC hollowcore planks with min 75mm thick structural topping (Grade C40 with A373 mesh - 40mm cover) spanning 7.2m between dense concrete block walls. Walls to be 215mm wide, using 140mm 7N/mm2 block laid flat. (NOTE CDM MANUAL HANDLING). Allow for power float finish. Lay 500 gauge DPM over screed with all joints double tape sealed, followed by Celceta Fibrelon 21C acoustic floor board with Celceta Yelofon FS50 perimeter flanking angle to all edges in accordance with manufacturers installation instructions and robust detail E-FC-1. Laytex over to receive floor finishes generally.

Beneath PCC planks, construct 150mm deep treated timber framework to received Promat (or similar) Masterboard soffit. Allow for support structure to be at 600mm centres and board to be secured to framework at 300mm centres using only stainless steel countersunk fixings, in accordance with manufacturers recommendations. Between framework, install 150mm Kingspan Kooltherm K12 insulation mechanically fixed to planks in accordance with manufacturers recommendations. Soffit board to have all joints and fixings filled as required and allow for decorations generally.

Second Floor
22mm T&G chipboard on 50 x 150 C24 joists to SE details. Use 12.5mm wall board with taped seamless joints secured to underside of joists to form ceiling.

Structural Steelwork
Refer to SE details generally.

Linels
Refer to SE details generally.

Walls

External walls (Pebble-dash Render)
(U-Value Achieved: 0.19W/m2K)
External walls to be generally constructed using 50 x 150 C24 studs @ 400ctr to SE details. Fill between studs with 150mm Kingspan Kooltherm K12 insulation (1no 80mm thk and 1no 70mm thk board). Line internally with vapour control membrane - Tyvek or similar (ARTIGHT LINE) with all joints taped and sealed, and overboard using 15mm duraline plasterboard with taped seamless joints. Note, MR Duraline plasterboard required to Shower room. Taped seamless joints and prepared for decorations in accordance with manufacturers recommendations.

Externally use 6mm WBP plywood sheathing to SE specification, to resist wind loading to front, back and cross walls. Tyvek Housewrap (or similar) breather membrane to be secured into position with 50 x 50mm treated timber vertical battens secured with stainless steel fixing through to studs. Onto studs, fix fire treated Western Red Cedar (Vincent Timber Western Red Cedar Cladding pre treated with Non-Com Exterior) weather boarding (Profile as Vincent Timber VT105) using stainless steel rink shank nails at even horizontal and vertical centres to match existing accommodation block.

Internal (Party) Walls
2no independent structural timber frames constructed using 50 x 100 C24 studs to SE details. 6mm plywood sheathing to face each frame to SE details. Over board with 1no layer 15mm Wallboard and 1no layer 15mm Duraline to outer face (15mm MR Duraline to shower room required). Taped seamless joints and prepared for decorations in accordance with manufacturers recommendations. Install to backface of plywood sheathing, 1no layer 25mm thk Isover 1200APR acoustic partition roll insulation - required to both sides of party wall.

Partition walls (Shower Rooms Generally)
75 x 50mm timber stud partition with 15mm Duraline plasterboard with taped seamless joints to bedroom side (MR duraline required to showerroom). Prepared for decorations in accordance with manufacturers recommendations. Install 25mm thk Isover 1200APR acoustic partition roll insulation between studs.

Roof

Pitched (ventilated) roof
(U-Value Achieved: 0.11W/m2K)
Zinc roof covering to be formed using 0.7mm thk Rheinzink standing seam roof (Protectline - with prepetina blue grey finish) with seams at 430mm centres on Vapozink structured underlay installed to manufacturers recommendations, joints to be taped and sealed. Substrate to be min 18mm WBP plywood. Plywood to be glued and screwed through 50 x 50 treated SW timber battens and into 50 x 150 C24 rafters timber rafters (50mm clear ventilated space) to SE specification. Sandwich Tyvek breather membrane between batten and rafters as per details. Between rafters fill with 150mm Kingspan Kooltherm K7 insulation. Beneath rafters, fix 12mm WBP plywood sheathing as per SE details and line with 92.5mm Kingspan Kooltherm K18 insulated backed plasterboard in accordance with manufacturers recommendations. Prepared for decorations in accordance with manufacturers recommendations

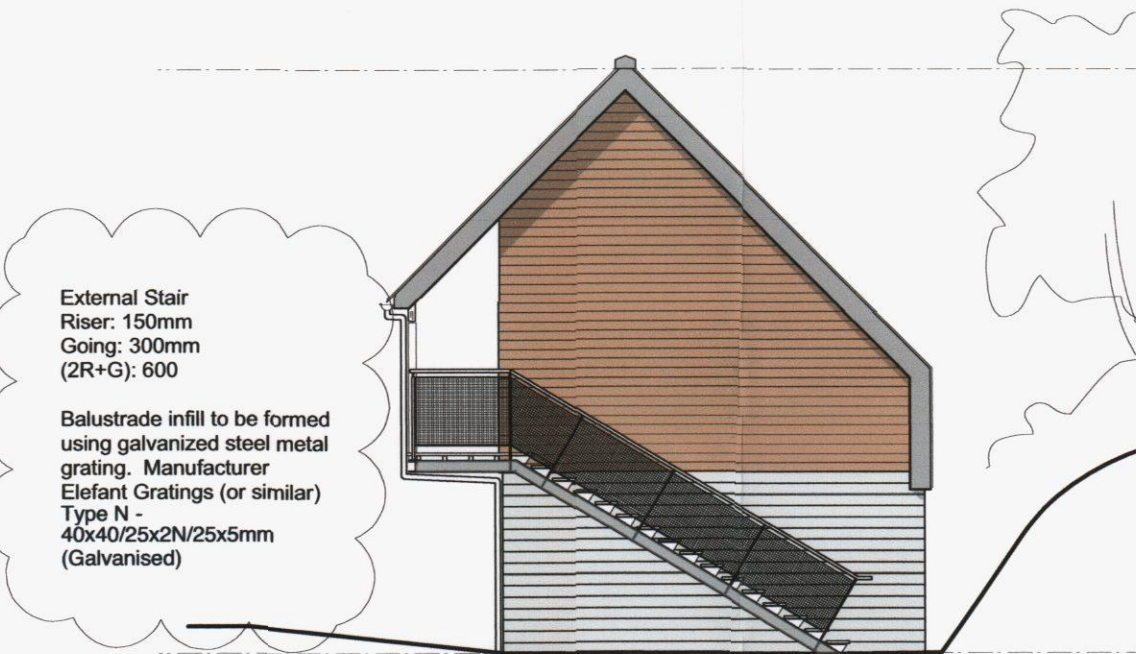
Windows/Doors/Rooflights
Timber doors to match existing on adjacent accommodation block.
New doors to suit structural openings.
Minimum u-value of 1.6W/m2K

Velux rooflights -
GPL Top Hung Roof Windows
- P10 (to rear elevation - GL4)
- M05 (to front elevation - GL1)
Allow for optional manufacturers blackout blinds and
Allow for Pane variation - 60 glazing option
Allow for Awning blind - Manual (MAL)

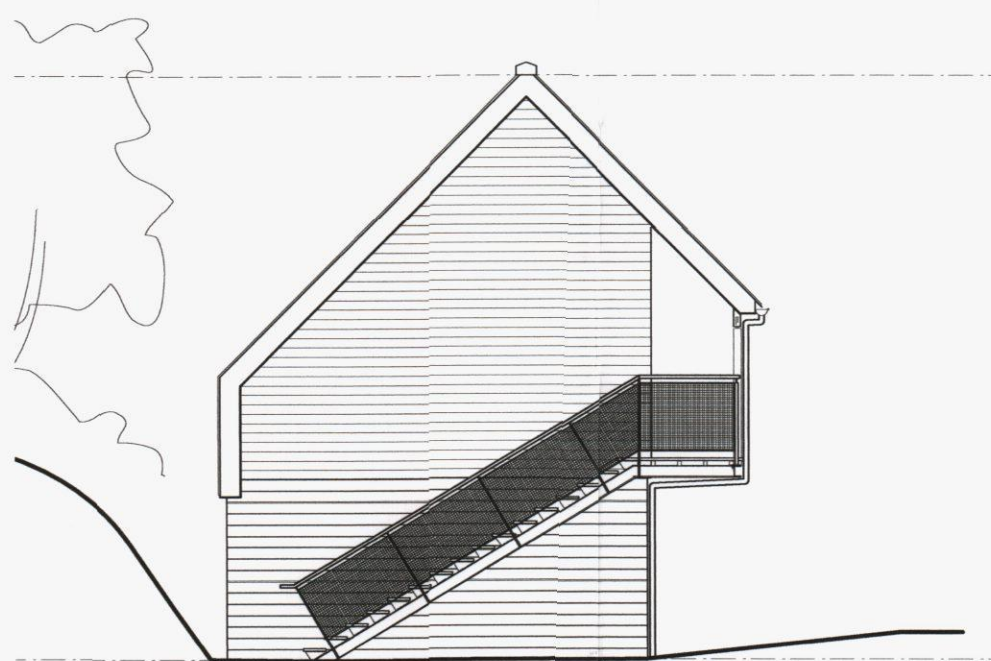
Glazing
Toughened glass to BS6206.

Drainage

Surface Water Drainage
All surface water rainwater products be compatible. Install Lindab rainwater system (+44 1582 65 23 00), to include gutters, brackets, connectors, downpipes and other accessories. 100mm Gutters and 75mm diameter downpipes.



North West Elevation
Scale 1:100



South East Elevation
Scale 1:100

Foul Drainage

Below ground drainage to be in accordance with SE drawings

SVP - 100mm OsmaSoil plastic soil and vent pipe taken through roof and terminated with a balloon grating. Terminate the pipe 900mm above the top of any opening window or rooflights within 3m.

Above ground pipework to be in plastic e.g. OsmaWeld or Clearbore with 76mm deep seal traps.
Washbasin - 32mm diameter waste
Shower - 40mm diameter waste
Sink - 40mm diameter waste
WC - 100mm diameter waste

Mechanical Services
Refer to M&E engineers proposals for details generally.

Ventilation
Rapid ventilation - openable windows.
Background ventilation - trickle ventilators to windows to give 8000sq.mm in habitable rooms and 4000sq.mm in the Kitchen.
Mechanical extract ventilation in Shower Room to achieve a rate of 15litres/sec. with a 15 minute overrun either controlled automatically or manually.

Shower Room (White goods)
Shower Tray - Space Pentagon 800mm Shower Tray (E708401)
Wash hand basin - Concept Sphere 45cm Semi-Countertop Washbasin (E79701)
WC - Space Back-To Wall WC Suite (E717201)

Electrical Services
Electrical work is to be carried out strictly in accordance with the latest IEE regulations and must be installed by an NICEIC or similar approved contractor to comply with Part P of the Building Regulations.
Electrical sockets and switches should be between 400mm and 1200mm. Ligling and switch positions to be agreed with employer

Commission
Test and commission all services installations. Demonstrate to the employer how to safely operate all controls fully and provide a bound set of operating and maintenance manuals. The manuals should related directly to all the systems installed and should provide further information to the employer about running and maintaining their services efficiently.

Issue	Date	Notes	Chkd	Apprd
A	15.04.13	FIRST ISSUE	MJG	MJG
B	18.04.13	Issued for AGM	MJG	MJG
C	25.04.13	RWPs amended. Ground floor spine walls amended to suit DVP locations	MJG	MJG
D	20.05.13	BUILDING REGULATIONS	MJG	MJG
E	24.06.13	TENDER	MJG	MJG
F	22.07.13	BUILDING REGULATIONS	MJG	MJG
G	31.07.13	BUILDING REGULATIONS	MJG	MJG

Key Plan

Project
**Hayling Island Sailing Club
Accommodation Block**

Drawing
**Proposed Elevations
Block B**

Scale
1:100

Date
25.03.13

Status
BUILDING REGULATIONS

Drawn by
MJG
Job n°. Type, Series, Revision
2386_GAD_120001_G

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For CDM information refer to the ArchitecturePLB Hazard Elimination and Residual Risk Register. Notes on this drawing refer only to items where a Residual Risk can be clearly linked to a specific item. As recommended within 'ACoS-Managing Health and Safety in Construction', notes do not include generic risk information which must be considered by the relevant contractor.

53 Great Suffolk Street
London SE1 0DB
Telephone 020 7922 0500
www.architectureplb.com

St Thomas Street
Winchester SO23 9HD
Telephone 01962 842 200